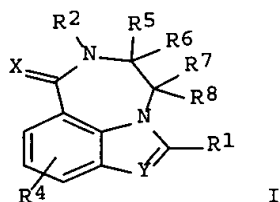


L4 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2001:167995 CAPLUS  
 DN 134:207833  
 TI Preparation of tricyclic inhibitors of poly(ADP-ribose) polymerases  
 IN Webber, Stephen Evan; Skaltitzky, Donald James; Tikhe, Jayashree Girish;  
 Kumpf, Robert Arnold; Marakovits, Joseph Timothy; Eastman, Walter Brian  
 PA Agouron Pharmaceuticals, Inc., USA; Cancer Research Campaign Technology  
 Limited  
 SO PCT Int. Appl., 236 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001016136	A2	20010308	WO 2000-US23882	20000831
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1208104	A2	20020529	EP 2000-961437	20000831
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	BR 2000015051	A	20020625	BR 2000-15051	20000831
	JP 2003513015	T2	20030408	JP 2001-519702	20000831
	US 6548494	B1	20030415	US 2000-653184	20000831
	EE 200200100	A	20030616	EE 2002-100	20000831
	NO 2002000421	A	20020425	NO 2002-421	20020128
	BG 106562	A	20030331	BG 2002-106562	20020329
PRAI	US 1999-152142P	P	19990831		
	WO 2000-US23882	W	20000831		
OS	MARPAT 134:207833				
GI					



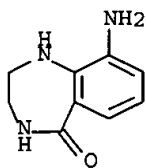
AB The title compds. [I; X = O, S; Y = N, CR3 (wherein R3 = halo, CN, alkyl, etc.); R1 = H, halo, CN, etc.; R2 = H, alkyl; R4 = H, halo, alkyl; R5-R8 = H, alkyl, alkenyl, aryl, etc.] which are poly(ADP-ribosyl)transferase inhibitors, and are useful in treating cancers and in ameliorating the effects of stroke, head trauma, and neurodegenerative disease, were prepd. E.g., a multi-step synthesis of 1-phenyl-8,9-dihydro-7H-2,7,9a-triaza-benzo[cd]azulen-6-one [I; Y = N; X = O; R1 = Ph; R2, R4-R8 = H] was given. Biol. data for compds. I were presented.

IT 328546-66-3P 328546-75-4P 328546-88-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);  
RACT (Reactant or reagent)  
(prepn. of tricyclic inhibitors of poly(ADP-ribose) polymerases)

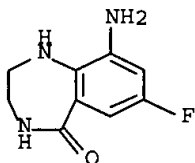
RN 328546-66-3 CAPLUS

CN 5H-1,4-Benzodiazepin-5-one, 9-amino-1,2,3,4-tetrahydro- (9CI) (CA INDEX NAME)



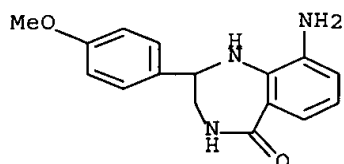
RN 328546-75-4 CAPLUS

CN 5H-1,4-Benzodiazepin-5-one, 9-amino-7-fluoro-1,2,3,4-tetrahydro- (9CI)  
(CA INDEX NAME)

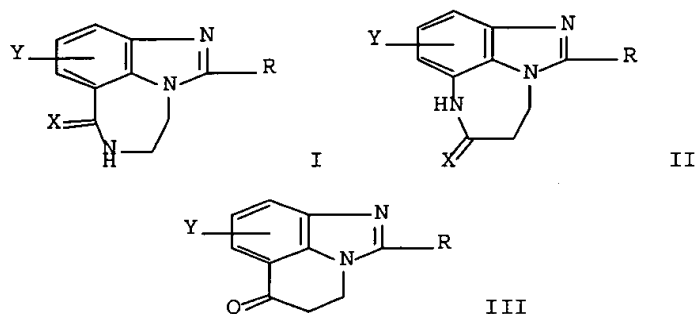


RN 328546-88-9 CAPLUS

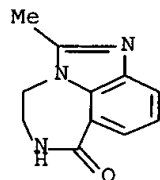
CN 5H-1,4-Benzodiazepin-5-one, 9-amino-1,2,3,4-tetrahydro-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



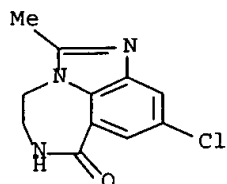
L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 1978:182987 CAPLUS  
 DN 88:182987  
 TI Studies on the imidazo[4,5,1-jk][1,4]benzodiazepine and  
 imidazo[1,5,4-ef][1,5]benzodiazepine series  
 AU Geneste, P.; Kamenka, J. M.; Vidal, Y.; Fauquet, J. P.; Morel, E.;  
 Muller, P.; Warolin, C.  
 CS Lab. Chim. Org. Phys. Appl., Ec. Natl. Super. Chim., Montpellier, Fr.  
 SO European Journal of Medicinal Chemistry (1978), 13(1), 53-9  
 CODEN: EJMCA5; ISSN: 0223-5234  
 DT Journal  
 LA French  
 GI



AB Of the 7 title compds. (I and II, R = Me or PhCH<sub>2</sub>; X = O; Y = H, Cl, or NO<sub>2</sub>) prepd., none showed tranquilizing activity in pentetrazole-induced convulsions or mouse motor activity. The prepn. of I and II from imidazoquinolinones (III) is also described.  
 IT **66596-64-3P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (prepn. and reaction with triethyloxonium fluoroborate)  
 RN 66596-64-3 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-methyl-(9CI) (CA INDEX NAME)

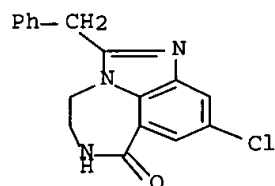


IT **66596-57-4P 66596-59-6P 66596-60-9P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. and tranquilizing activity of)  
 RN 66596-57-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-chloro-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



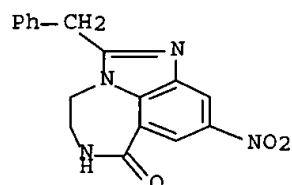
RN 66596-59-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-chloro-5,6-dihydro-2-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 66596-60-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-9-nitro-2-(phenylmethyl)- (9CI) (CA INDEX NAME)

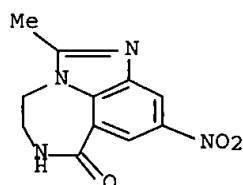


IT 66596-69-8P

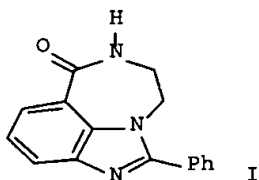
RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

RN 66596-69-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-methyl-9-nitro- (9CI) (CA INDEX NAME)



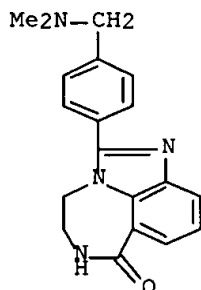
L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 2002:954525 CAPLUS  
 DN 138:170205  
 TI Tricyclic Benzimidazoles as Potent Poly(ADP-ribose) Polymerase-1 Inhibitors  
 AU Skaltitzky, Donald J.; Marakovits, Joseph T.; Maegley, Karen A.; Ekker, Anne; Yu, Xiao-Hong; Hostomsky, Zdenek; Webber, Stephen E.; Eastman, Brian W.; Almasy, Robert; Li, Jianke; Curtin, Nicola J.; Newell, David R.; Calvert, A. Hilary; Griffin, Roger J.; Golding, Bernard T.  
 CS Pfizer Global R&D, La Jolla/Agouron Pharmaceuticals Inc., San Diego, CA, 92121, USA  
 SO Journal of Medicinal Chemistry (2003), 46(2), 210-213  
 CODEN: JMCMAR; ISSN: 0022-2623  
 PB American Chemical Society  
 DT Journal  
 LA English  
 OS CASREACT 138:170205  
 GI



AB Novel tricyclic benzimidazole carboxamide poly(ADP-ribose) polymerase-1 (PARP-1) inhibitors, e.g., I, have been synthesized. Several compds. were found to be powerful chemopotentiators of temozolomide and topotecan in both A549 and LoVo cell lines. In vitro inhibition of PARP-1 was confirmed by direct measurement of NAD<sup>+</sup> depletion and ADP-ribose polymer formation caused by chem. induced DNA damage.

IT **328543-09-5P**  
 RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (crystal structure; prepn. and MSBAR of tricyclic benzimidazole poly(ADP-ribose)polymerase-1 inhibitors via cyclocondensation of aminobenzodiazepine with diethoxymethylbenzaldehyde, hydrolysis, and reductive amination)

RN 328543-09-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(dimethylamino)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

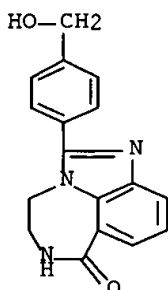


IT **328546-89-0P**  
 RL: BYP (Byproduct); PAC (Pharmacological activity); PRP (Properties); BIOL (Biological study); PREP (Preparation)  
 (prepn., MSBAR, enzymic and cellular activity of tricyclic

benzimidazole poly(ADP-ribose)polymerase-1 inhibitors via  
 cyclocondensation of aminobenzodiazepine with  
 diethoxymethylbenzaldehyde, hydrolysis, and reductive amination)

RN 328546-89-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(hydroxymethyl)phenyl]- (9CI) (CA INDEX NAME)



IT **328543-05-1P 328543-07-3P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);

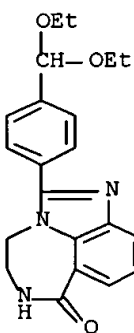
RACT

(Reactant or reagent)

(prepn., MSBAR, enzymic and cellular activity of tricyclic  
 benzimidazole poly(ADP-ribose)polymerase-1 inhibitors via  
 cyclocondensation of aminobenzodiazepine with  
 diethoxymethylbenzaldehyde, hydrolysis, and reductive amination)

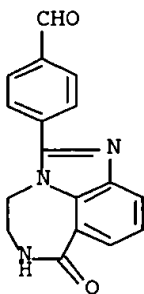
RN 328543-05-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(diethoxymethyl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328543-07-3 CAPLUS

CN Benzaldehyde, 4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



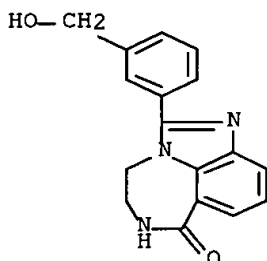
IT **328546-77-6P**

RL: BYP (Byproduct); PAC (Pharmacological activity); PRP (Properties);  
BIOL (Biological study); PREP (Preparation)

(prepn., MSBAR, enzymic and cellular activity of tricyclic  
benzimidazole poly(ADP-ribose)polymerase-1 inhibitors via  
cyclocondensation of aminobenzodiazepine with dioxolanylbenzaldehyde,  
hydrolysis, and reductive amination)

RN 328546-77-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-  
(hydroxymethyl)phenyl]- (9CI) (CA INDEX NAME)



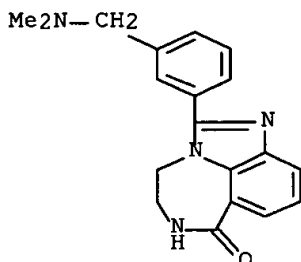
IT **328542-63-8P**

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic  
preparation); BIOL (Biological study); PREP (Preparation)

(prepn., MSBAR, enzymic and cellular activity of tricyclic  
benzimidazole poly(ADP-ribose)polymerase-1 inhibitors via  
cyclocondensation of aminobenzodiazepine with dioxolanylbenzaldehyde,  
hydrolysis, and reductive amination)

RN 328542-63-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-  
[(dimethylamino)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



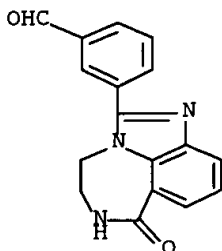
IT **328542-61-6P 328543-03-9P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);  
RACT (Reactant or reagent)

(prepn., MSBAR, enzymic and cellular activity of tricyclic benzimidazole poly(ADP-ribose)polymerase-1 inhibitors via cyclocondensation of aminobenzodiazepine with dioxolanylbenzaldehyde, hydrolysis, and reductive amination)

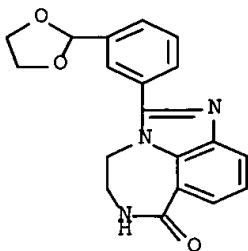
RN 328542-61-6 CAPLUS

CN Benzaldehyde, 3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



RN 328543-03-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-(1,3-dioxolan-2-yl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

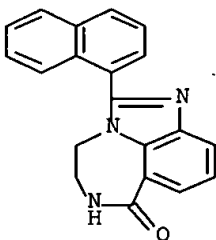


IT 328542-20-7P

RL: PAC (Pharmacological activity); PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)  
(prepn., MSBAR, enzymic and cellular activity of tricyclic benzimidazole poly(ADP-ribose)polymerase-1 inhibitors via cyclocondensation of aminobenzodiazepine with either acid chlorides or aldehydes)

RN 328542-20-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1-naphthalenyl)- (9CI) (CA INDEX NAME)



IT 66596-64-3P 328542-04-7P 328542-12-7P

328542-22-9P 328542-30-9P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(prepn., MSBAR, enzymic and cellular activity of tricyclic



RN 66596-64-3 CAPLUS

CN1CCc2ccccc2C(=O)N1C

RN 328542-04-7 CAPLUS

O=C1CN2C(=N1)C(=N2)C3=CC=CC=C3

RN 328542-12-7 CAPLUS

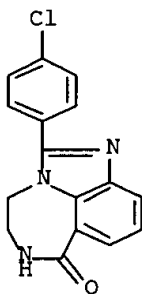
Clc1ccc(cc1)N2C(=O)c3ccccc3N2C(=O)c4ccccc4

RN 328542-22-9 CAPLUS

Fc1ccc(cc1)C2=CN3C(=O)NCC3C2

RN 328542-30-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-chlorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)

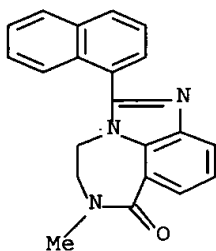


IT 328542-54-7P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (prepn., MSBAR, enzymic and cellular activity of tricyclic benzimidazole poly(ADP-ribose)polymerase-1 inhibitors via cyclocondensation of aminobenzodiazepine with either acid chlorides or aldehydes and subsequent N-methylation)

RN 328542-54-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-6-methyl-2-(1-naphthalenyl)- (9CI) (CA INDEX NAME)



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2003 ACS

AN 2002:428911 CAPLUS

DN 137:6205

TI Preparation of benzazepinones, isoquinolinones and related compounds as inhibitors of poly(ADP-ribose) polymerase (PARP) for the prevention and/or treatment of tissue damage from cell trauma or cell death due to necrosis or apoptosis.

IN Ferraris, Dana V.; Li, Jia-He; Kalish, Vincent J.; Zhang, Jie

PA Guilford Pharmaceuticals Inc., USA

SO PCT Int. Appl., 152 pp.

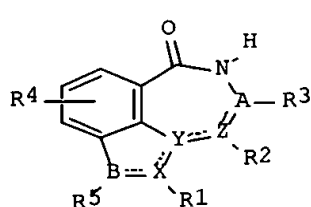
CODEN: PIXXD2

DT Patent

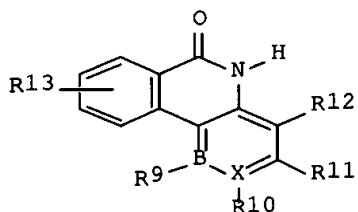
LA English

FAN.CNT 1

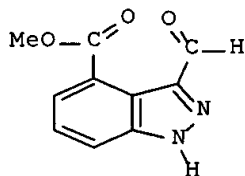
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002044183	A2	20020606	WO 2001-US44815	20011130
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	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002036521	A5	20020611	AU 2002-36521	20011130
	US 2003022883	A1	20030130	US 2001-996776	20011130
PRAI	US 2000-250132P	P	20001201		
	US 2001-310274P	P	20010809		
	WO 2001-US44815	W	20011130		
OS	MARPAT 137:6205				
GI					



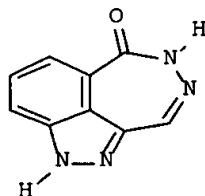
I



II



III



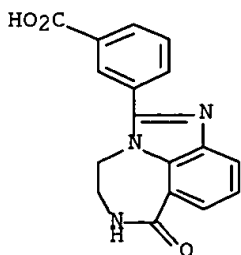
IV

AB This invention discloses the prepn. of title compds. I and II, their pharmaceutically acceptable salts, and related compds. as inhibitors of poly(ADP-ribose) polymerase (PARP) [wherein: A = N, C, CH<sub>2</sub>, CH; B = C,

N,

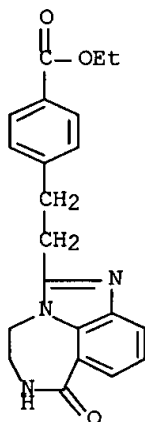
NH, S, SO, SO<sub>2</sub>; X = C, CH, N; Y = C, N; Z = C, CH<sub>2</sub>, N, CO; provided that at least one of X, Y, or Z is N; R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>5</sub> when present are optionally or independently = H, OH, :O, (un)substituted alkyl, alkenyl, alkynyl, alkoxy, carboxy, cycloalkyl, heterocycloalkyl, aryl,

heteroaryl,  
 halogen, amine, COR8 (R8 = H, OH, (un)substituted alkyl, alkenyl,  
 alkynyl,  
 alkoxy, carboxy, cycloalkyl, heterocycloalkyl, aryl, heteroaryl), OR6,  
 NR6R7 (R6, R7 independently = H, (un)substituted alkyl, alkenyl,  
 alkynyl,  
 cycloalkyl, heterocycloalkyl, aryl, heteroaryl); R1, R2, R3, R5  
 optionally  
 form ring through a straight or branched C1-4alkyl which may addnl.  
 contain 1-2 double or triple bonds; R4 = 1-3 of H, halo, or alkyl; with  
 proviso that when A, X, or Z = C, then R1, R2, R3 when present may also  
 independently = halogen, CN, O; R9, R10, R11, R12 optionally or  
 independently = H, halogen, amino, OH, halo-amine, O-alkyl, O-aryl,  
 (un)substituted alkyl, alkenyl, alkynyl, alkoxy, carboxy, cycloalkyl,  
 heterocycloalkyl, aryl, heteroaryl, COR8; R13 = 1-3 of H, halogen,  
 alkoxy,  
 alkyl]. For example, cyclocondensation of formylindazole III (prepd.  
 from  
 Me indole-4-carboxylate and NaNO2/AcOH), with hydrazine provided claimed  
 benzoazulenone IV as a white solid. Benzoazulenone IV inhibited human  
 recombinant PARP at an IC50 of 0.018 .mu.M. PARP IC50 inhibition  
 studies  
 for an addnl. 156 examples are provided, ranging in values from 0.01 to  
 20  
 .mu.M. Biol. data are provided for the in vivo treatment of focal  
 cerebral ischemia and gout via PARP inhibition with selected compds. II.  
 The present invention is believed to protect cells, tissue and organs  
 against the ill-effects of reactive free radicals and nitric oxide  
 through  
 inhibition of PARP activity.  
 IT 433726-34-2P 433726-44-4P 433726-45-5P  
 433726-49-9P 433726-62-6P 433727-33-4P  
 433727-80-1P  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic  
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP  
 (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (drug candidate; prepn. of benzazepinones, isoquinolinones and  
 related  
 compds. as inhibitors of poly(ADP-ribose) polymerase (PARP))  
 RN 433726-34-2 CAPLUS  
 CN Benzoic acid, 3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-  
 jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



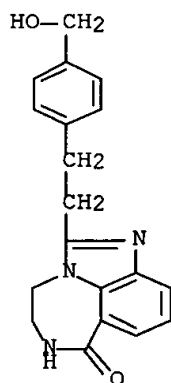
RN 433726-44-4 CAPLUS

CN Benzoic acid, 4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]-, ethyl ester (9CI) (CA INDEX NAME)



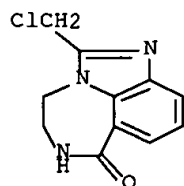
RN 433726-45-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[2-[4-(hydroxymethyl)phenyl]ethyl]- (9CI) (CA INDEX NAME)



RN 433726-49-9 CAPLUS

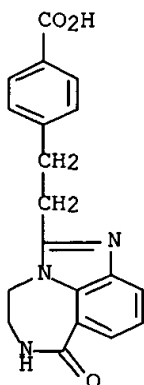
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(chloromethyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433726-62-6 CAPLUS

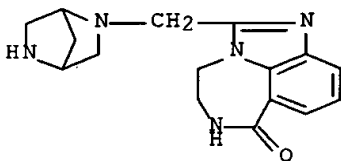
CN Benzoic acid, 4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-

jk][1,4]benzodiazepin-2-yl)ethyl]- (9CI) (CA INDEX NAME)



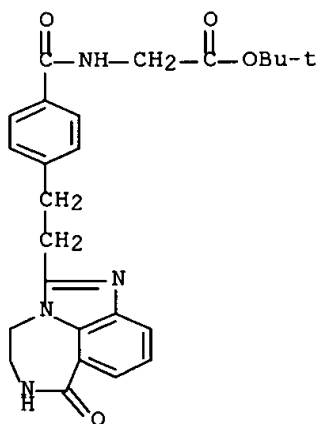
RN 433727-33-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(2,5-diazabicyclo[2.2.1]hept-2-ylmethyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433727-80-1 CAPLUS

CN Glycine, N-[4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]benzoyl]-, 1,1-dimethylethyl ester (9CI)  
(CA INDEX NAME)



IT 66596-64-3P 328542-04-7P 328542-06-9P

328542-16-1P 328542-18-3P 328542-20-7P  
328542-24-1P 328542-40-1P 328542-42-3P  
328542-43-4P 328542-48-9P 328542-52-5P  
328543-09-5P 328543-52-8P 328543-80-2P  
328543-82-4P 328544-31-6P 328545-93-3P  
328545-96-6P 328546-21-0P 328546-89-0P  
328547-10-0P 433726-06-8P 433726-07-9P  
433726-08-0P 433726-09-1P 433726-10-4P  
433726-11-5P 433726-12-6P 433726-13-7P  
433726-14-8P 433726-15-9P 433726-16-0P  
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433727-69-6P 433727-70-9P 433727-71-0P  
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433727-75-4P 433727-76-5P 433727-77-6P  
433727-78-7P 433727-79-8P 433727-81-2P  
433727-82-3P 433727-83-4P 433727-84-5P  
433727-85-6P 433727-86-7P 433727-87-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

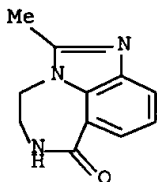
(drug candidate; prepn. of benzazepinones, isoquinolinones and related

compds. as inhibitors of poly(ADP-ribose) polymerase (PARP))

RN 66596-64-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-methyl-  
(9CI)

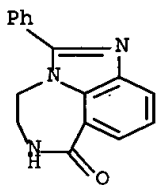
(CA INDEX NAME)



RN 328542-04-7 CAPLUS

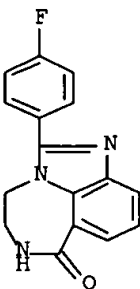
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-phenyl-  
(9CI)

(CA INDEX NAME)



RN 328542-06-9 CAPLUS

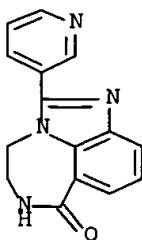
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-fluorophenyl)-5,6-  
dihydro- (9CI) (CA INDEX NAME)



RN 328542-16-1 CAPLUS

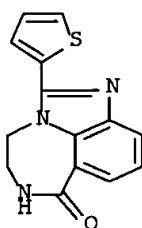
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(3-  
pyridinyl)-  
(9CI) (CA INDEX NAME)





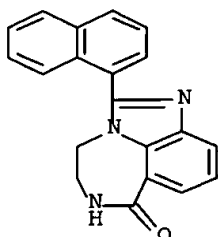
RN 328542-18-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-thienyl)-  
(9CI) (CA INDEX NAME)



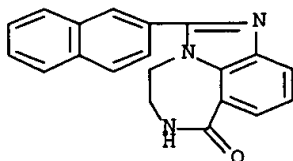
RN 328542-20-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1-naphthalenyl)- (9CI) (CA INDEX NAME)



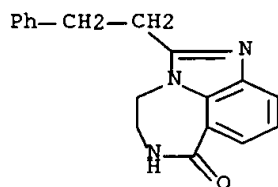
RN 328542-24-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-naphthalenyl)- (9CI) (CA INDEX NAME)



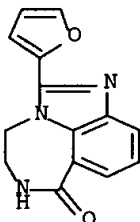
RN 328542-40-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-phenylethyl)- (9CI) (CA INDEX NAME)



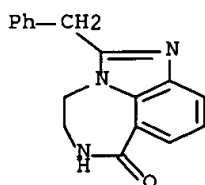
RN 328542-42-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(2-furanyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



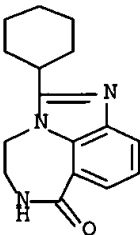
RN 328542-43-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(phenylmethyl)- (9CI) (CA INDEX NAME)

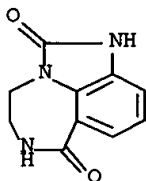


RN 328542-48-9 CAPLUS

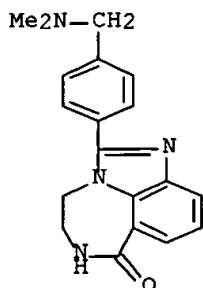
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-cyclohexyl-5,6-dihydro- (9CI) (CA INDEX NAME)



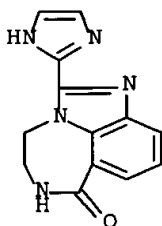
RN 328542-52-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2,7(1H,4H)-dione, 5,6-dihydro-  
 (9CI)  
 (CA INDEX NAME)



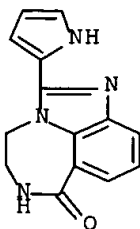
RN 328543-09-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-  
 [(dimethylamino)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328543-52-8 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1H-  
 imidazol-2-yl)- (9CI) (CA INDEX NAME)

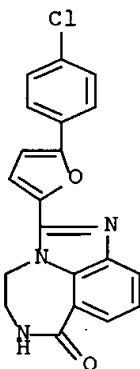


RN 328543-80-2 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1H-pyrrol-  
 2-yl)- (9CI) (CA INDEX NAME)



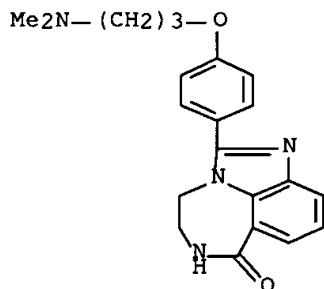
RN 328543-82-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[5-(4-chlorophenyl)-2-furanyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



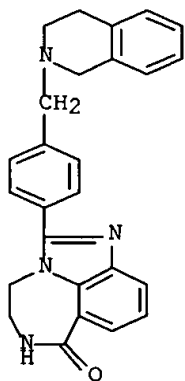
RN 328544-31-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[3-(dimethylamino)propoxy]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



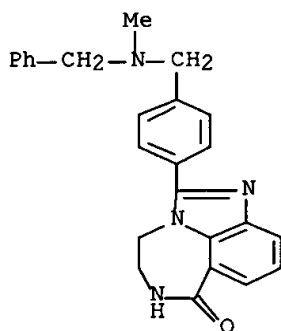
RN 328545-93-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(3,4-dihydro-2(1H)-isoquinolinyl)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



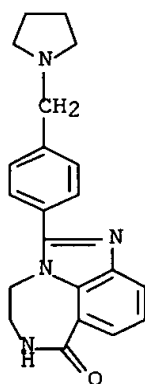
RN 328545-96-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-  
[[methyl(phenylmethyl)amino]methyl]phenyl]- (9CI) (CA INDEX NAME)



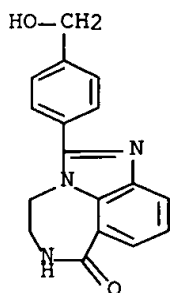
RN 328546-21-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-(1-  
pyrrolidinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



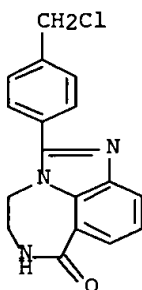
RN 328546-89-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(hydroxymethyl)phenyl]- (9CI) (CA INDEX NAME)



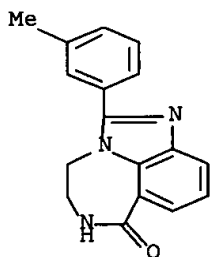
RN 328547-10-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(chloromethyl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



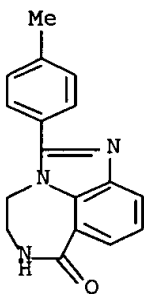
RN 433726-06-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(3-methylphenyl)- (9CI) (CA INDEX NAME)



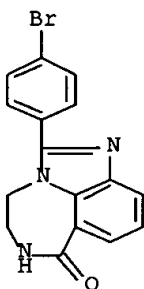
RN 433726-07-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(4-methylphenyl)- (9CI) (CA INDEX NAME)



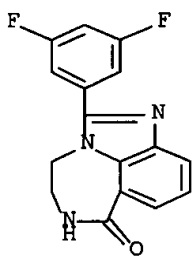
RN 433726-08-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-bromophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



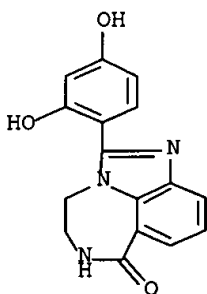
RN 433726-09-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(3,5-difluorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



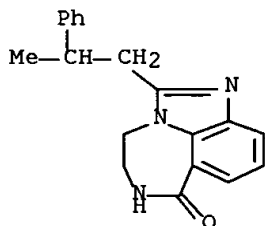
RN 433726-10-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(2,4-dihydroxyphenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



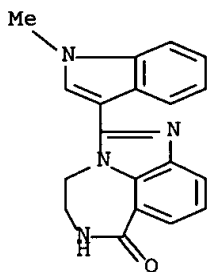
RN 433726-11-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-phenylpropyl)- (9CI) (CA INDEX NAME)



RN 433726-12-6 CAPLUS

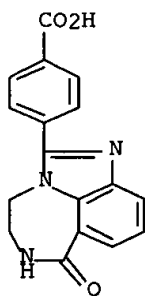
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1-methyl-1H-indol-3-yl)- (9CI) (CA INDEX NAME)



RN 433726-13-7 CAPLUS

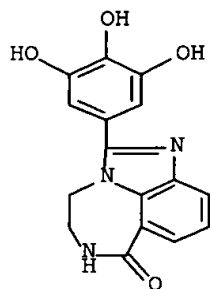
CN Benzoic acid, 4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)





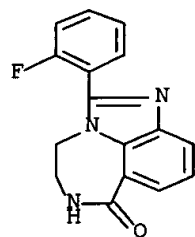
RN 433726-14-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(3,4,5-trihydroxyphenyl)- (9CI) (CA INDEX NAME)



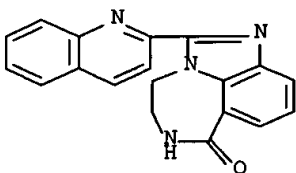
RN 433726-15-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(2-fluorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



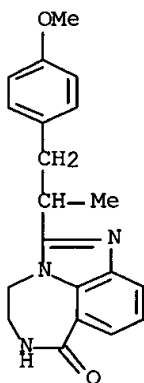
RN 433726-16-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-quinolinyl)- (9CI) (CA INDEX NAME)



RN 433726-17-1 CAPLUS

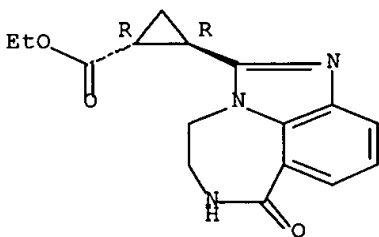
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[2-(4-methoxyphenyl)-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 433726-18-2 CAPLUS

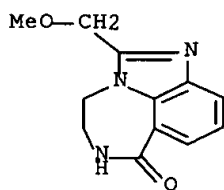
CN Cyclopropanecarboxylic acid, 2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)-, ethyl ester, (1R,2R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



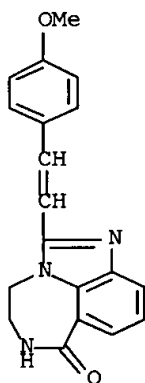
RN 433726-19-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(methoxymethyl)- (9CI) (CA INDEX NAME)



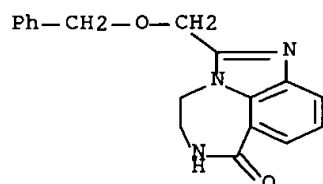
RN 433726-20-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[2-(4-methoxyphenyl)ethenyl]- (9CI) (CA INDEX NAME)



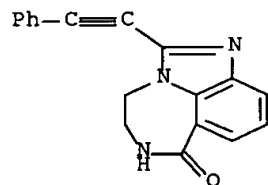
RN 433726-21-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[(phenylmethoxy)methyl]- (9CI) (CA INDEX NAME)



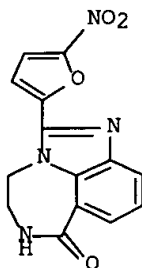
RN 433726-22-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(phenylethynyl)- (9CI) (CA INDEX NAME)



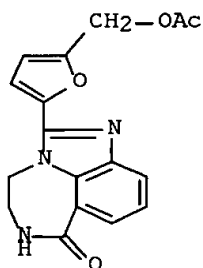
RN 433726-23-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(5-nitro-2-furanyl)- (9CI) (CA INDEX NAME)



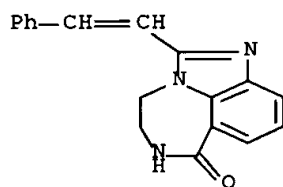
RN 433726-24-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[5-[(acetyloxy)methyl]-2-furanyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



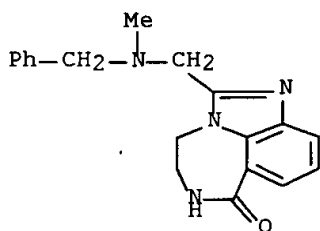
RN 433726-25-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



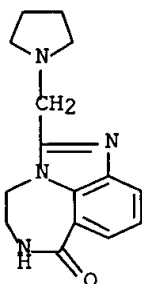
RN 433726-26-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[methyl(phenylmethyl)amino]methyl]- (9CI) (CA INDEX NAME)



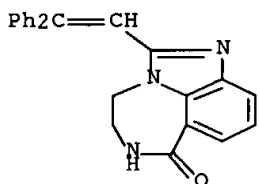
RN 433726-27-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1-phenylpyrrolidinylmethyl)- (9CI) (CA INDEX NAME)



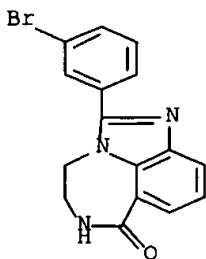
RN 433726-28-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(2,2-diphenylethenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



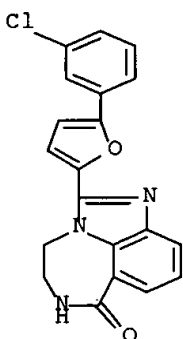
RN 433726-29-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(3-bromophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



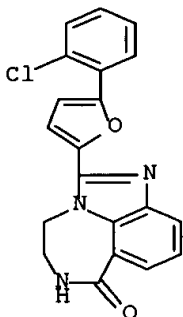
RN 433726-30-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[5-(3-chlorophenyl)-2-furanyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



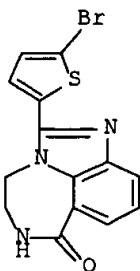
RN 433726-31-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[5-(2-chlorophenyl)-2-furanyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



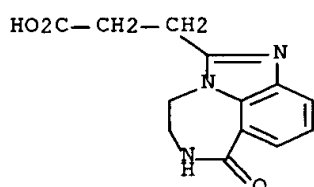
RN 433726-32-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(5-bromo-2-thienyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



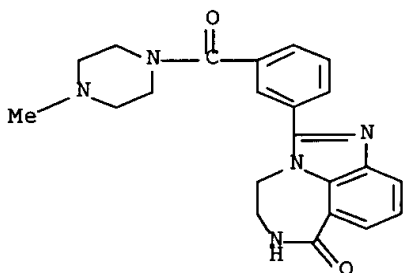
RN 433726-33-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2-propanoic acid,  
4,5,6,7-tetrahydro-7-oxo- (9CI) (CA INDEX NAME)



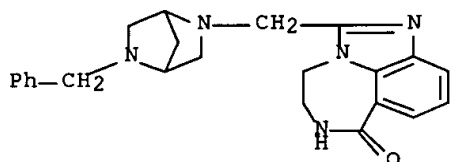
RN 433726-35-3 CAPLUS

CN Piperazine, 1-methyl-4-[3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)benzoyl]- (9CI) (CA INDEX NAME)



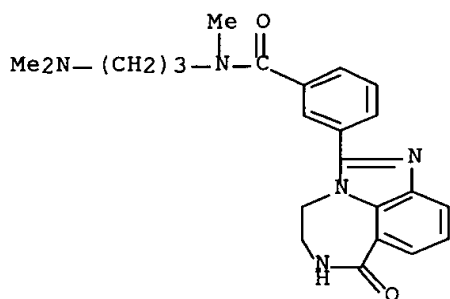
RN 433726-36-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[5-(phenylmethyl)-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]- (9CI) (CA INDEX NAME)



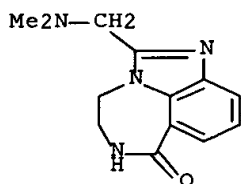
RN 433726-37-5 CAPLUS

CN Benzamide, N-[3-(dimethylamino)propyl]-N-methyl-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



RN 433726-38-6 CAPLUS

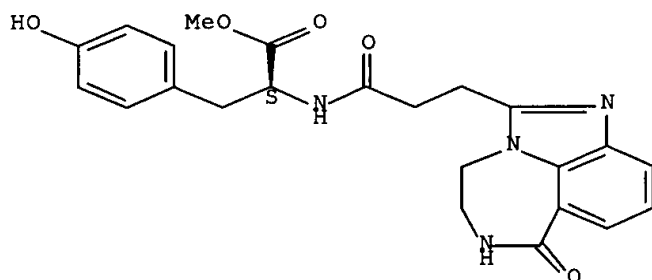
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(dimethylamino)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433726-39-7 CAPLUS

CN L-Tyrosine, N-[1-oxo-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)propyl]-, methyl ester (9CI) (CA INDEX NAME)

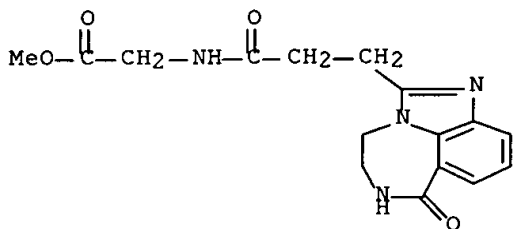
Absolute stereochemistry.



RN 433726-40-0 CAPLUS

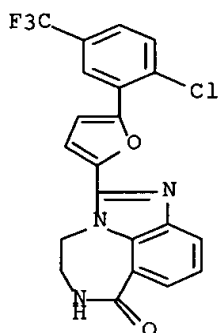
CN Glycine, N-[1-oxo-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)propyl]-, methyl ester (9CI) (CA INDEX NAME)





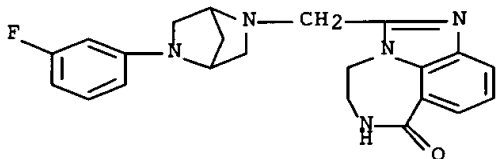
RN 433726-41-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[5-[2-chloro-5-(trifluoromethyl)phenyl]-2-furanyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433726-42-2 CAPLUS

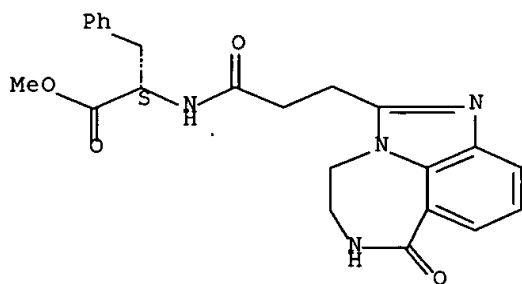
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-(3-fluorophenyl)-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433726-43-3 CAPLUS

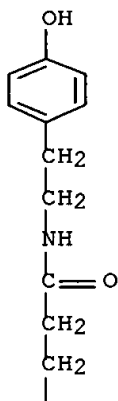
CN L-Phenylalanine, N-[1-oxo-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)propyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

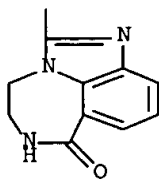


RN 433726-46-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2-propanamide, 4,5,6,7-tetrahydro-  
 N- [2-(4-hydroxyphenyl)ethyl]-7-oxo- (9CI) (CA INDEX NAME)

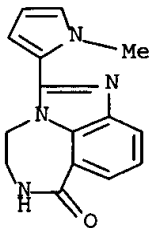
PAGE 1-A



PAGE 2-A

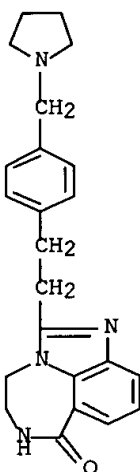


RN 433726-47-7 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepine-7(4H)-one, 5,6-dihydro-2-(1-methyl-  
 1H-pyrrol-2-yl)- (9CI) (CA INDEX NAME)



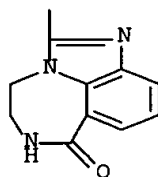
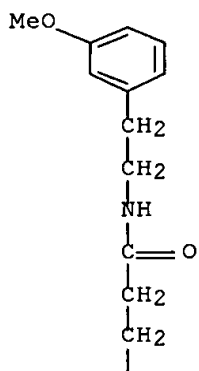
RN 433726-48-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[2-[4-(1-pyrrolidinylmethyl)phenyl]ethyl]- (9CI) (CA INDEX NAME)

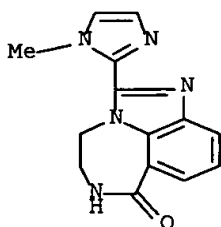


RN 433726-50-2 CAPLUS

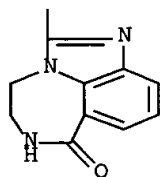
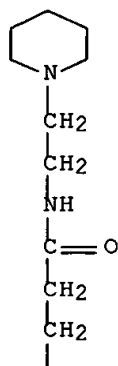
CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2-propanamide, 4,5,6,7-tetrahydro-N-[2-(3-methoxyphenyl)ethyl]-7-oxo- (9CI) (CA INDEX NAME)



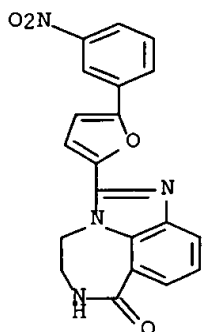
RN 433726-51-3 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1-methyl-  
 1H-imidazol-2-yl)- (9CI) (CA INDEX NAME)



RN 433726-52-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2-propanamide, 4,5,6,7-tetrahydro-  
 7-oxo-N-[2-(1-piperidinyl)ethyl]- (9CI) (CA INDEX NAME)

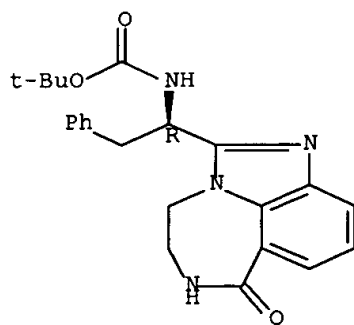


RN 433726-53-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[5-(3-nitrophenyl)-2-furanyl]- (9CI) (CA INDEX NAME)



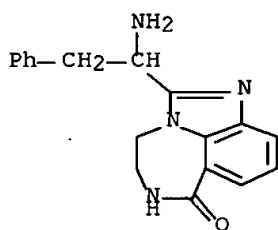
RN 433726-54-6 CAPLUS  
 CN Carbamic acid, [(1R)-2-phenyl-1-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



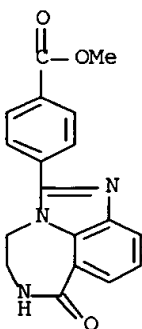
RN 433726-55-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(1-amino-2-phenylethyl)-  
5,6-dihydro- (9CI) (CA INDEX NAME)



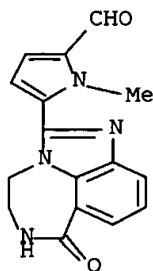
RN 433726-56-8 CAPLUS

CN Benzoic acid, 4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)-, methyl ester (9CI) (CA INDEX NAME)



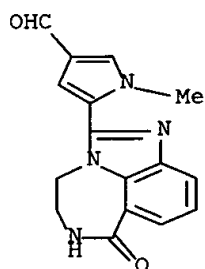
RN 433726-57-9 CAPLUS

CN 1H-Pyrrole-2-carboxaldehyde, 1-methyl-5-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



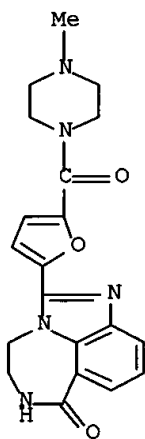
RN 433726-58-0 CAPLUS

CN 1H-Pyrrole-3-carboxaldehyde, 1-methyl-5-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



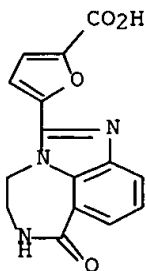
RN 433726-59-1 CAPLUS

CN Piperazine, 1-methyl-4-[[5-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)-2-furanyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 433726-60-4 CAPLUS

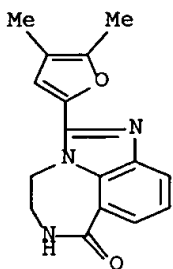
CN 2-Furancarboxylic acid, 5-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



RN 433726-61-5 CAPLUS

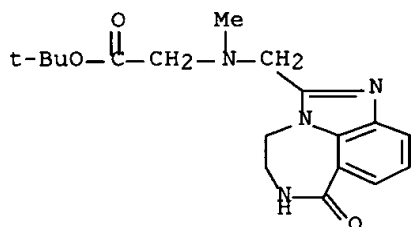
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4,5-dimethyl-2-furanyl)-

5,6-dihydro- (9CI) (CA INDEX NAME)



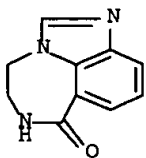
RN 433726-63-7 CAPLUS

CN Glycine, N-methyl-N-[(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



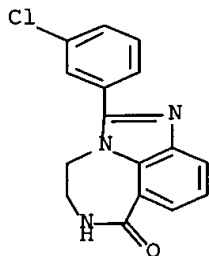
RN 433726-95-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro- (9CI) (CA INDEX NAME)

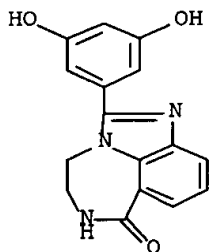




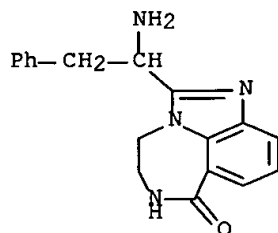
RN 433726-96-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(3-chlorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433726-97-7 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(3,5-dihydroxyphenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



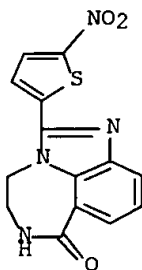
RN 433726-98-8 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(1-amino-2-phenylethyl)-5,6-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

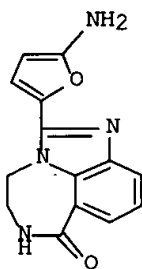
RN 433727-00-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(5-nitro-2-

thienyl)- (9CI) (CA INDEX NAME)



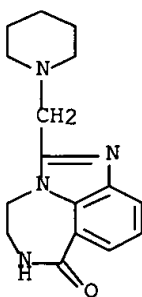
RN 433727-01-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(5-amino-2-furanyl)-  
5,6-dihydro- (9CI) (CA INDEX NAME)



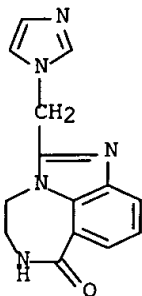
RN 433727-02-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1-  
piperidinylmethyl)- (9CI) (CA INDEX NAME)



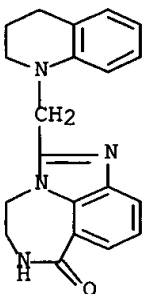
RN 433727-03-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1H-  
imidazol-1-ylmethyl)- (9CI) (CA INDEX NAME)



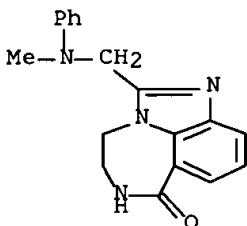
RN 433727-04-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(3,4-dihydro-1(2H)-quinolinyl)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



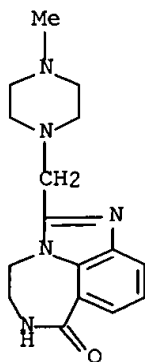
RN 433727-05-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[(methylphenylamino)methyl]- (9CI) (CA INDEX NAME)



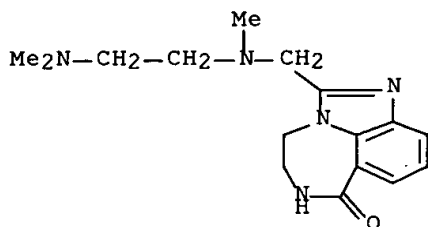
RN 433727-06-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[(4-methyl-1-piperazinyl)methyl]- (9CI) (CA INDEX NAME)



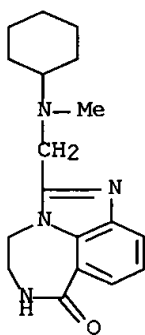
RN 433727-07-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[[2-(dimethylamino)ethyl]methylamino]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



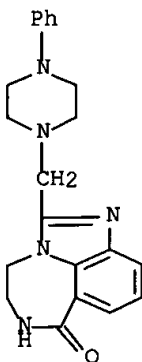
RN 433727-08-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(cyclohexylmethylamino)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



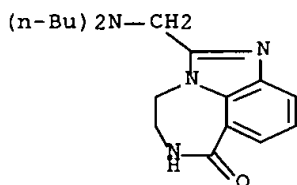
RN 433727-09-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[(4-phenyl-1-piperazinyl)methyl]- (9CI) (CA INDEX NAME)



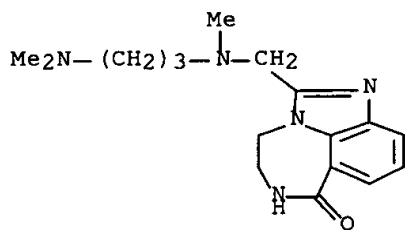
RN 433727-10-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(dibutylamino)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



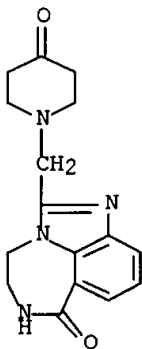
RN 433727-11-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[[3-(dimethylamino)propyl]methylamino]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



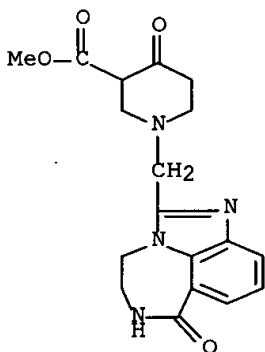
RN 433727-12-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[(4-oxo-1-piperidinyl)methyl]- (9CI) (CA INDEX NAME)



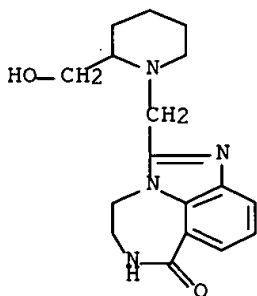
RN 433727-13-0 CAPLUS

CN 3-Piperidinecarboxylic acid, 4-oxo-1-[(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)methyl]-, methyl ester (9CI)  
(CA INDEX NAME)



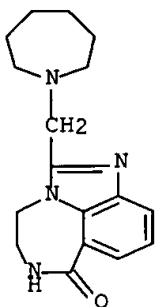
RN 433727-14-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[2-(hydroxymethyl)-1-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



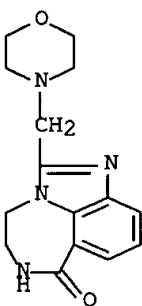
RN 433727-15-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(hexahydro-1H-azepin-1-yl)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



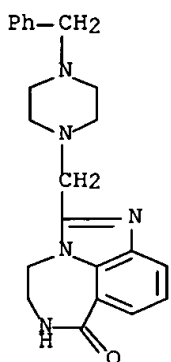
RN 433727-16-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(4-morpholinylmethyl)- (9CI) (CA INDEX NAME)



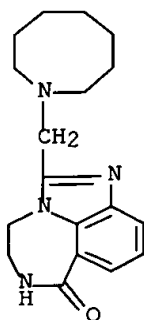
RN 433727-17-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[(4-(phenylmethyl)-1-piperazinyl)methyl]- (9CI) (CA INDEX NAME)

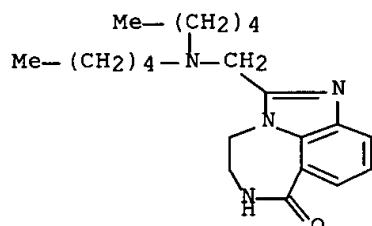


RN 433727-18-5 CAPLUS

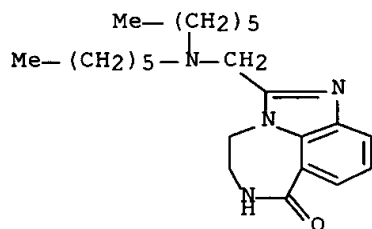
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(hexahydroazocin-1(2H)-yl)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433727-19-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-  
 [(dipentylamino)methyl]-  
 5,6-dihydro- (9CI) (CA INDEX NAME)



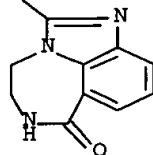
RN 433727-20-9 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(dihexylamino)methyl]-  
 5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433727-21-0 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[bis(1-  
 methylethyl)amino]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



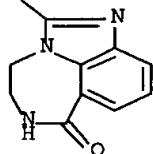
(i-Pr)<sub>2</sub>N-CH<sub>2</sub>



RN 433727-22-1 CAPLUS

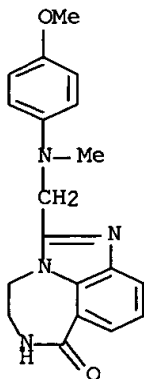
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(diethylamino)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

Et<sub>2</sub>N-CH<sub>2</sub>



RN 433727-23-2 CAPLUS

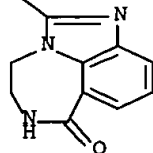
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[4-methoxyphenyl)methylamino]methyl]- (9CI) (CA INDEX NAME)



RN 433727-24-3 CAPLUS

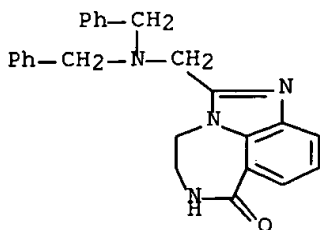
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(dipropylamino)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

(n-Pr)<sub>2</sub>N-CH<sub>2</sub>



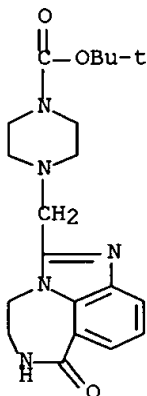
RN 433727-25-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-  
[[bis(phenylmethyl)amino]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



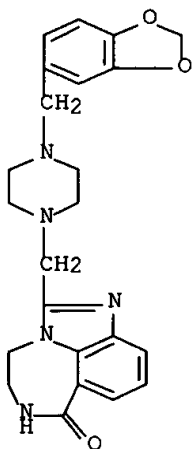
RN 433727-26-5 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



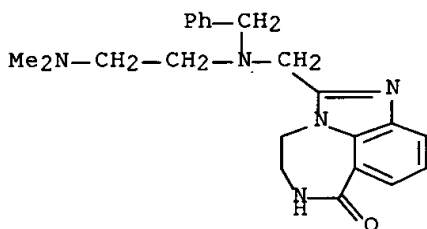
RN 433727-27-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



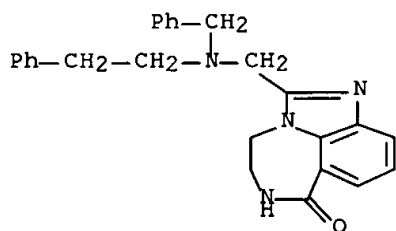
RN 433727-28-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[[2-(dimethylamino)ethyl](phenylmethyl)amino]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



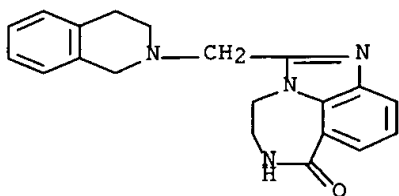
RN 433727-29-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[[2-phenylethyl](phenylmethyl)amino]methyl]- (9CI) (CA INDEX NAME)



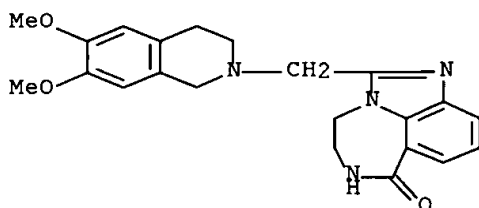
RN 433727-30-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(3,4-dihydro-2(1H)-isoquinolinyl)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433727-31-2 CAPLUS

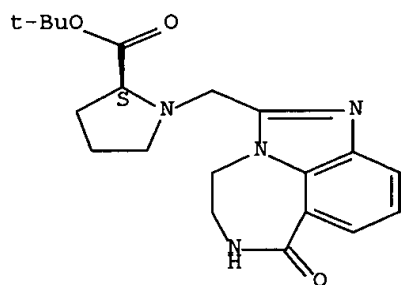
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[(3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433727-32-3 CAPLUS

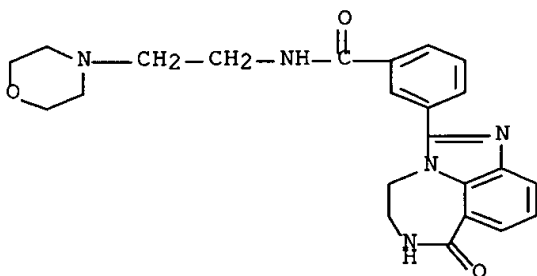
CN L-Proline, 1-[(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



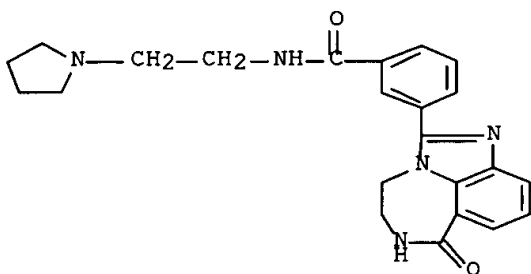
RN 433727-34-5 CAPLUS

CN Benzamide, N-[2-(4-morpholinyl)ethyl]-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



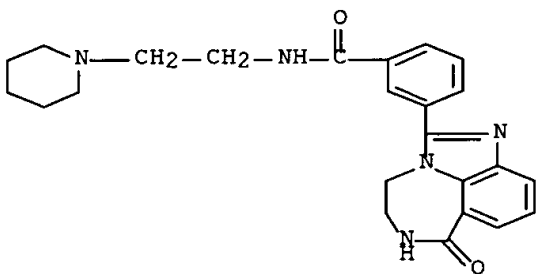
RN 433727-35-6 CAPLUS

CN Benzamide, N-[2-(1-pyrrolidinyl)ethyl]-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



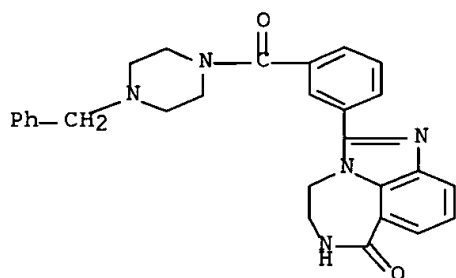
RN 433727-36-7 CAPLUS

CN Benzamide, N-[2-(1-piperidyl)ethyl]-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



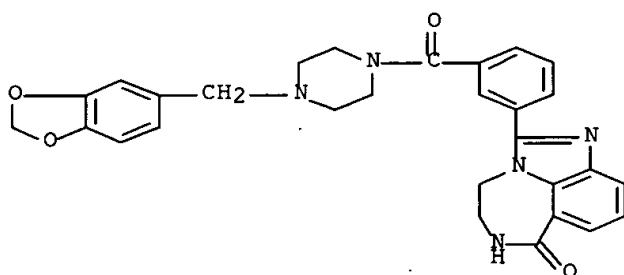
RN 433727-37-8 CAPLUS

CN Piperazine, 1-(phenylmethyl)-4-[3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)benzoyl]- (9CI) (CA INDEX NAME)



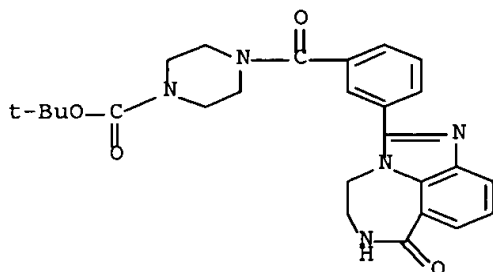
RN 433727-38-9 CAPLUS

CN Piperazine, 1-(1,3-benzodioxol-5-ylmethyl)-4-[3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)benzoyl]- (9CI) (CA INDEX NAME)



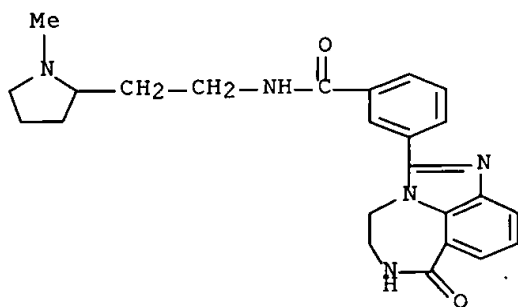
RN 433727-39-0 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)benzoyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



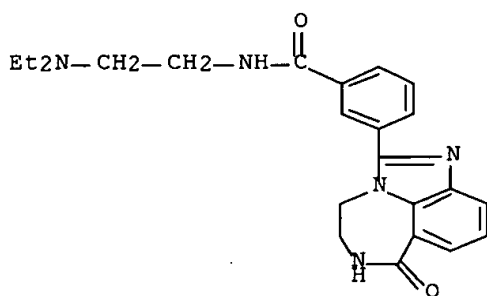
RN 433727-40-3 CAPLUS

CN Benzamide, N-[2-(1-methyl-2-pyrrolidinyl)ethyl]-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



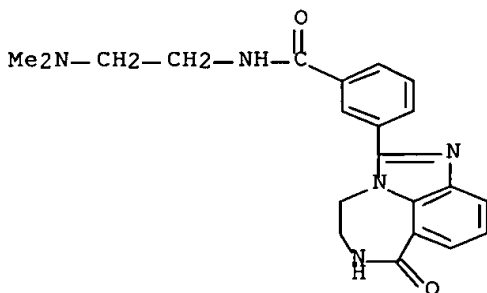
RN 433727-41-4 CAPLUS

CN Benzamide, N-[2-(diethylamino)ethyl]-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



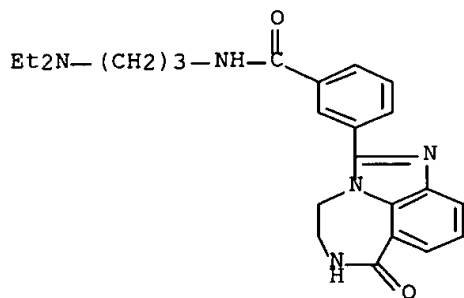
RN 433727-42-5 CAPLUS

CN Benzamide, N-[2-(dimethylamino)ethyl]-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



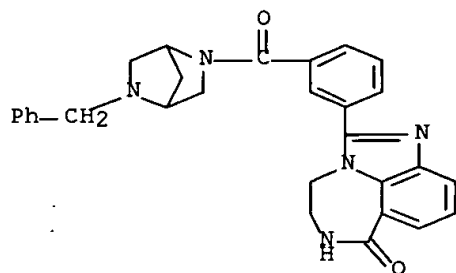
RN 433727-43-6 CAPLUS

CN Benzamide, N-[3-(diethylamino)propyl]-3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



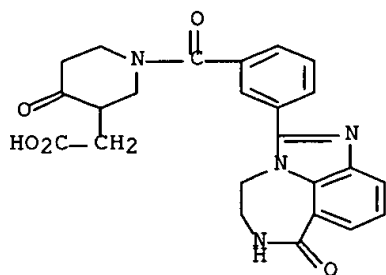
RN 433727-44-7 CAPLUS

CN 2,5-Diazabicyclo[2.2.1]heptane, 2-(phenylmethyl)-5-[3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)benzoyl]- (9CI) (CA INDEX NAME)



RN 433727-45-8 CAPLUS

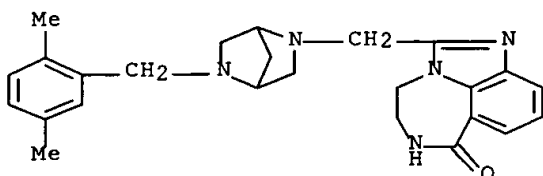
CN 3-Piperidineacetic acid, 4-oxo-1-[3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)benzoyl]- (9CI) (CA INDEX NAME)



RN 433727-46-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[(2,5-dimethylphenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

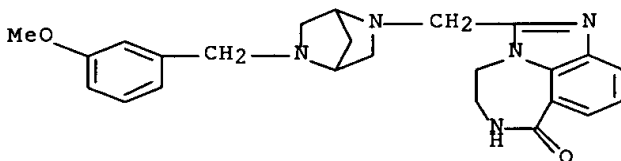




RN 433727-47-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[5-[(3-methoxyphenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]- (9CI)

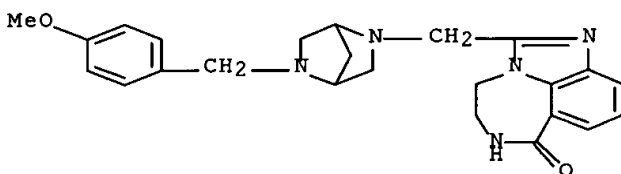
(CA INDEX NAME)



RN 433727-48-1 CAPLUS

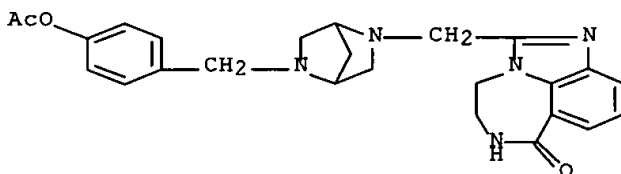
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[5-[(4-methoxyphenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]- (9CI)

(CA INDEX NAME)



RN 433727-49-2 CAPLUS

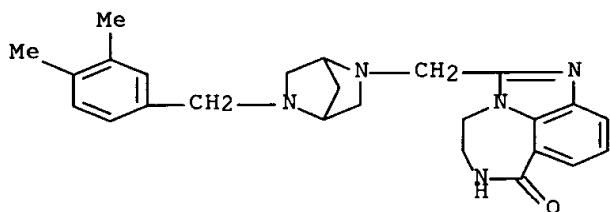
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[[4-(acetyloxy)phenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433727-50-5 CAPLUS

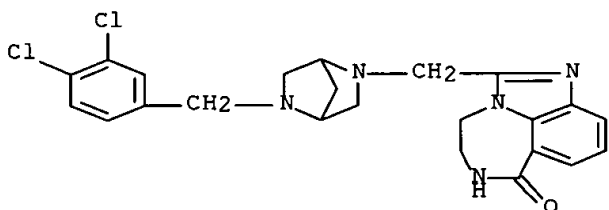
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[(3,4-dimethylphenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]-5,6-

dihydro- (9CI) (CA INDEX NAME)



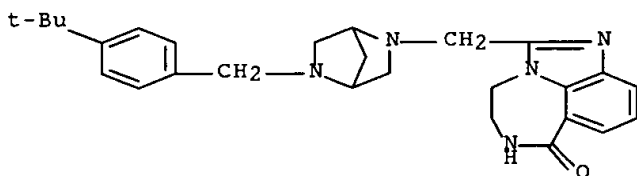
RN 433727-51-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[(3,4-dichlorophenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



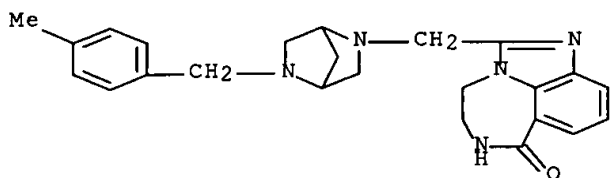
RN 433727-52-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[[4-(1,1-dimethylethyl)phenyl]methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



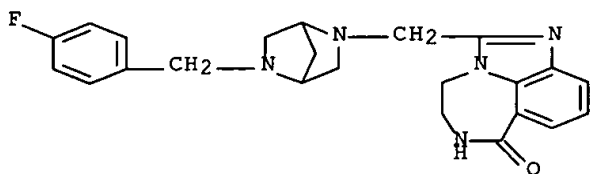
RN 433727-53-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[5-[(4-methylphenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]- (9CI)  
(CA INDEX NAME)



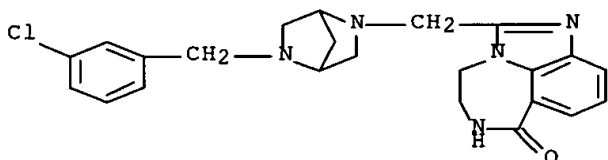
RN 433727-54-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[(4-fluorophenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-5,6-dihydro-  
(9CI) (CA INDEX NAME)



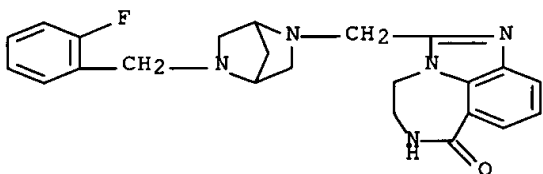
RN 433727-55-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[(3-chlorophenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-5,6-dihydro-  
(9CI) (CA INDEX NAME)



RN 433727-56-1 CAPLUS

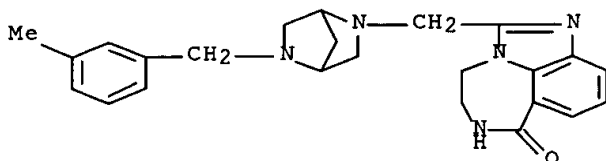
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[(2-fluorophenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-5,6-dihydro-  
(9CI) (CA INDEX NAME)



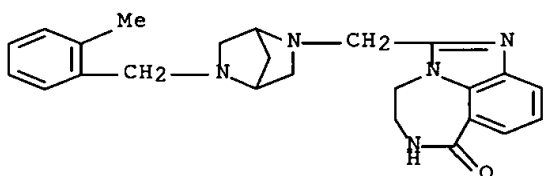
RN 433727-57-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[5-[(3-

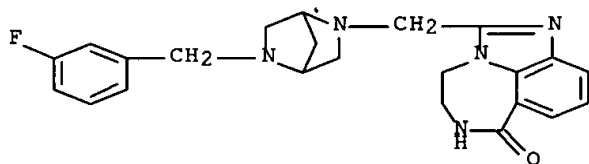
methylphenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]- (9CI)  
 (CA  
 INDEX NAME)



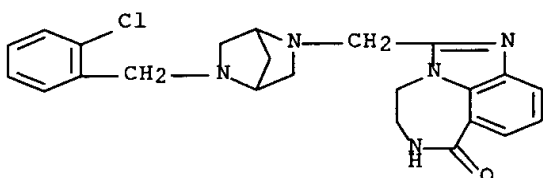
RN 433727-58-3 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[5-[(2-methylphenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]- (9CI)  
 (CA  
 INDEX NAME)



RN 433727-59-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[(3-fluorophenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



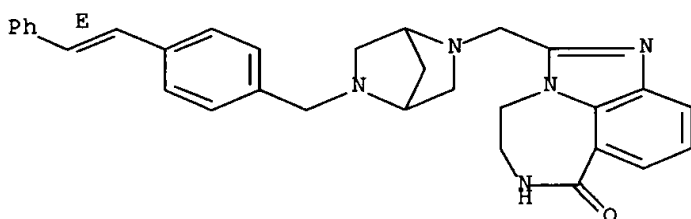
RN 433727-60-7 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[(2-chlorophenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433727-61-8 CAPLUS

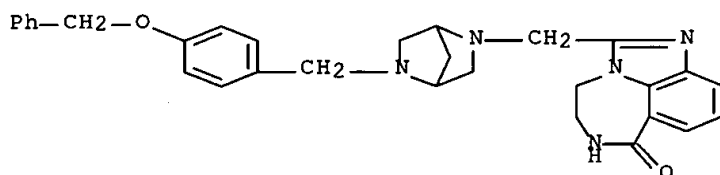
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[5-[[4-(2-chlorophenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



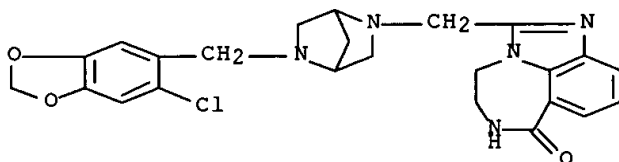
RN 433727-62-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[[5-[[4-(phenylmethoxy)phenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]- (9CI) (CA INDEX NAME)



RN 433727-63-0 CAPLUS

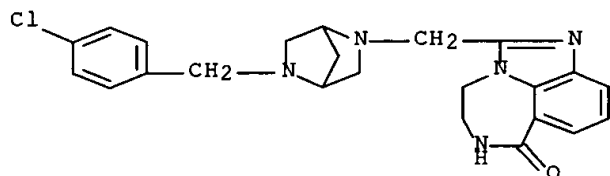
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[(6-chloro-1,3-benzodioxol-5-yl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



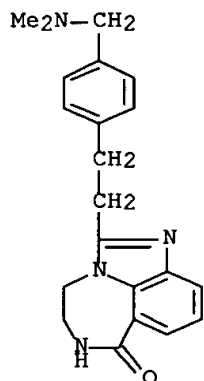
RN 433727-64-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[[5-[[4-(4-

chlorophenyl)methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl)methyl]-5,6-dihydro-  
(9CI) (CA INDEX NAME)

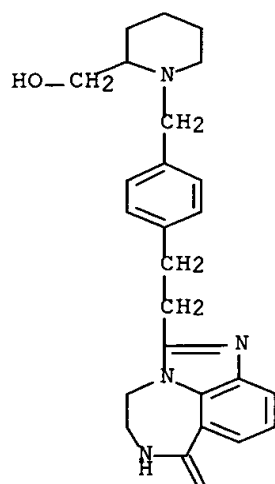


RN 433727-65-2 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[2-[4-  
[(dimethylamino)methyl]phenyl]ethyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 433727-66-3 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[2-[4-[[2-  
(hydroxymethyl)-1-piperidinyl]methyl]phenyl]ethyl]- (9CI) (CA INDEX  
NAME)

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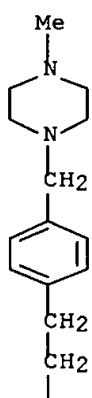


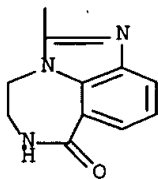
PAGE 2-A



RN 433727-67-4 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[2-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]ethyl]- (9CI) (CA INDEX NAME)

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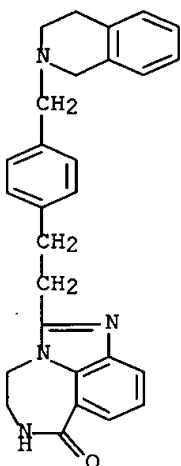




RN 433727-68-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[2-[4-[(3,4-dihydro-2(1H)-

isoquinolinyl)methyl]phenyl]ethyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



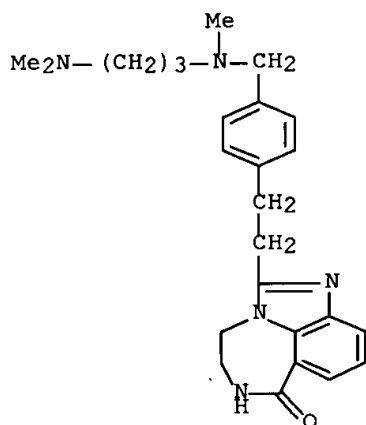
RN 433727-69-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[2-[4-[[[3-(dimethylamino)propyl]methylamino]methyl]phenyl]ethyl]-5,6-dihydro-

(9CI)

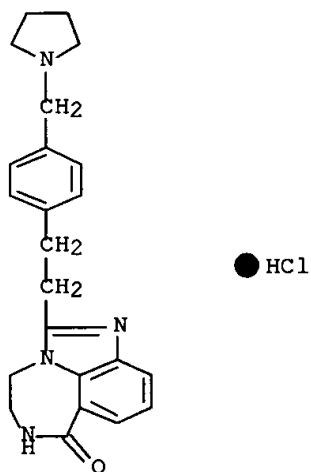
(CA INDEX NAME)





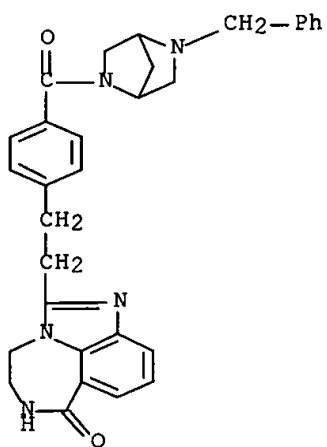
RN 433727-70-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[2-[4-(1-pyrrolidinylmethyl)phenyl]ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



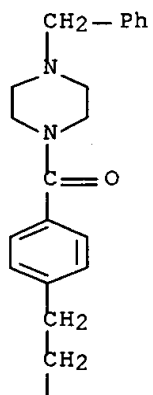
RN 433727-71-0 CAPLUS

CN 2,5-Diazabicyclo[2.2.1]heptane, 2-(phenylmethyl)-5-[4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]benzoyl]- (9CI) (CA INDEX NAME)

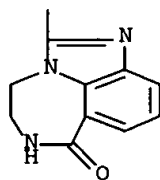


RN 433727-72-1 CAPLUS  
 CN Piperazine, 1-(phenylmethyl)-4-[4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]benzoyl]- (9CI) (CA INDEX NAME)

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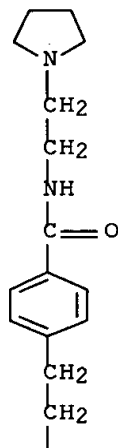
PAGE 2-A



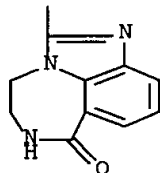
RN 433727-73-2 CAPLUS

CN Benzamide, N-[2-(1-pyrrolidinyl)ethyl]-4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]- (9CI) (CA INDEX NAME)

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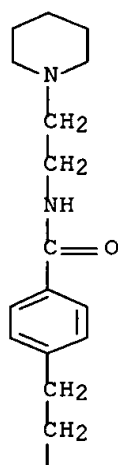
PAGE 2-A



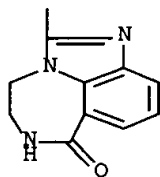
RN 433727-74-3 CAPLUS

CN Benzamide, N-[2-(1-piperidiny)ethyl]-4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]- (9CI) (CA INDEX NAME)

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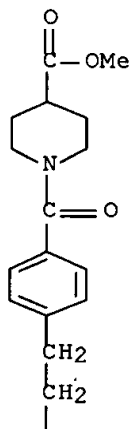


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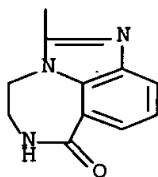


RN 433727-75-4 CAPLUS  
CN 4-Piperidinecarboxylic acid, 1-[4-[2-(4,5,6,7-tetrahydro-7-  
oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]benzoyl]-, methyl  
ester  
(9CI) (CA INDEX NAME)

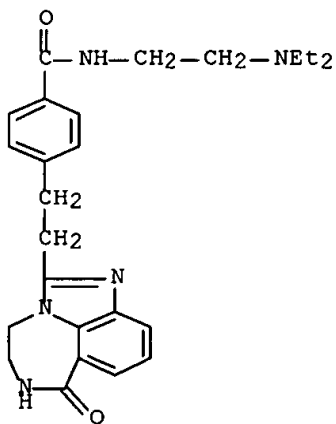
PAGE 1-A



PAGE 2-A



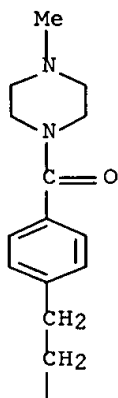
RN 433727-76-5 CAPLUS  
CN Benzamide, N-[2-(diethylamino)ethyl]-4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]- (9CI) (CA INDEX NAME)



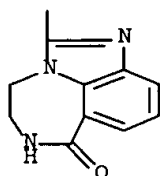
RN 433727-77-6 CAPLUS

CN Piperazine, 1-methyl-4-[4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]benzoyl]- (9CI) (CA INDEX NAME)

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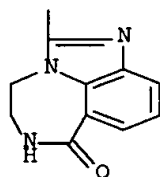
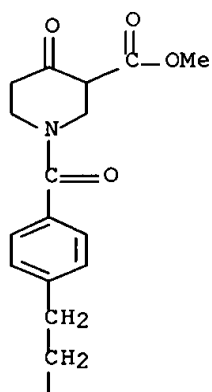


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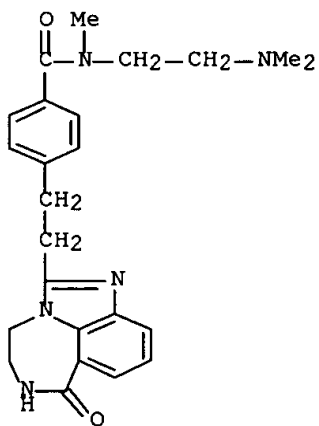


RN 433727-78-7 CAPLUS

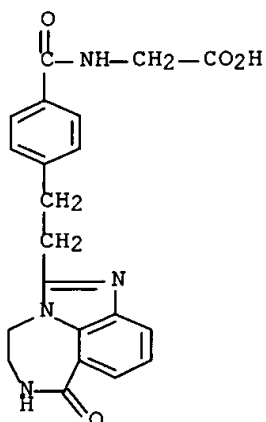
CN 3-Piperidinecarboxylic acid, 4-oxo-1-[4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]benzoyl]-, methyl ester  
(9CI) (CA INDEX NAME)



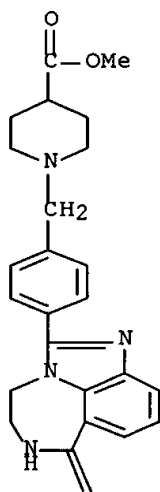
RN 433727-79-8 CAPLUS  
 CN Benzamide, N-[2-(dimethylamino)ethyl]-N-methyl-4-[2-(4,5,6,7-tetrahydro-  
 7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]- (9CI) (CA INDEX  
 NAME)



RN 433727-81-2 CAPLUS  
 CN Glycine, N-[4-[2-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)ethyl]benzoyl]- (9CI) (CA INDEX NAME)



RN 433727-82-3 CAPLUS  
 CN 4-Piperidinecarboxylic acid, 1-[[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)



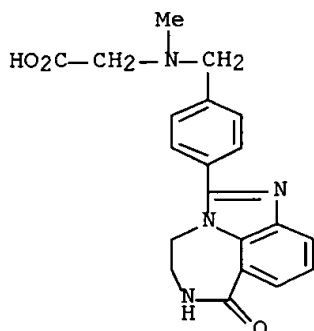
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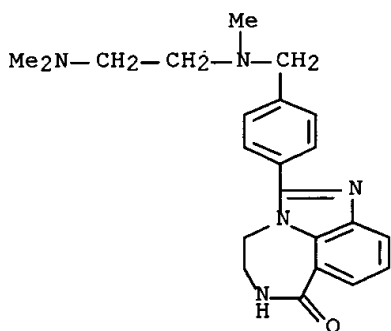
RN 433727-83-4 CAPLUS

CN Glycine, N-methyl-N-[[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]methyl]- (9CI) (CA INDEX NAME)



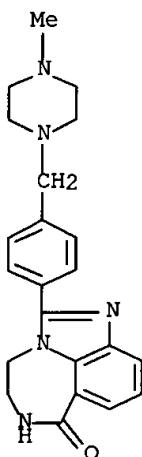
RN 433727-84-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[[2-(dimethylamino)ethyl]methylamino]methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



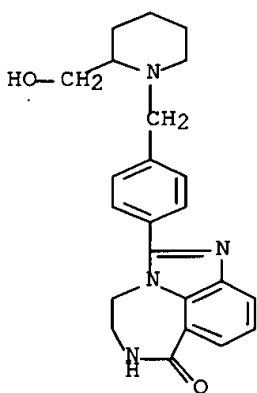
RN 433727-85-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]- (9CI) (CA INDEX NAME)



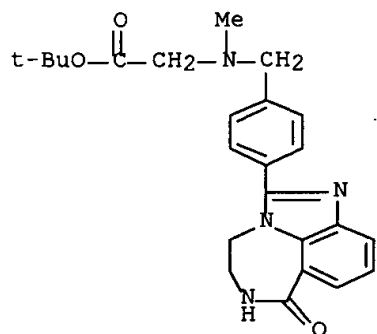
RN 433727-86-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[2-(hydroxymethyl)-1-piperidinyl]methyl]phenyl]- (9CI) (CA INDEX NAME)



RN 433727-87-8 CAPLUS

CN Glycine, N-methyl-N-[[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]methyl]-, 1,1-dimethylethyl ester (9CI)  
(CA INDEX NAME)



IT **433728-62-2P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);

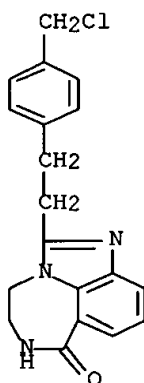
RACT

(Reactant or reagent)

(intermediate; prepn. of benzazepinones, isoquinolinones and related  
compds. as inhibitors of poly(ADP-ribose) polymerase (PARP))

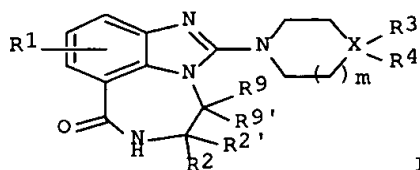
RN 433728-62-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[2-[4-(chloromethyl)phenyl]ethyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

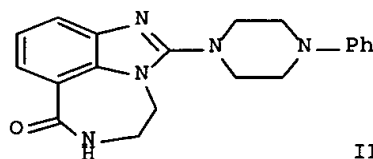


L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 2002:408675 CAPLUS  
 DN 136:401791  
 TI Benzimidazole derivatives, specifically imidazo[4,5,1-j,k][1,4]benzodiazepin-7(4H)-one derivatives, and the preparation and therapeutic use thereof as inhibitors of poly(ADP-ribose)polymerase (PARP).  
 IN Barth, Francis; Bichon, Daniel; Bolkenius, Frank; Van Dorsselaer, Viviane  
 PA Sanofi-Synthelabo, Fr.  
 SO PCT Int. Appl., 48 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA French  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	FR 2816942	A1	20020524	FR 2001-6157	20010510
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	FR 2001-6157	A	20010510		
	WO 2001-FR3667	W	20011121		
OS	MARPAT 136:401791				
GI					



I



II

AB The invention concerns fused benzimidazole derivs. I, including their enantiomers, diastereomers, mixts., racemates, free bases, and pharmaceutically acceptable acid addn. salts [wherein: R1 = H, C1-4 alkyl or alkoxy, halo, NO2; R2, R2', R9, R9' = H, C1-4 alkyl; X = N or C; m = 1 or 2; when X = N, then R3 = H, C1-C4 alkyl, or is absent, and R4 = in particular H, C1-C6 alkyl, C3-C7 cycloalkyl, (un)substituted 4-piperidyl, (CH2)pNR5R6, (CH2)pCONR5R6, CO(CH2)pNR5R6, (un)substituted (CH2)pPh, (CH2)p-morpholinyl, (CH2)p-pyrrolidinyl, (CH2)p-tetrahydroisoquinoline, (CH2)p-heteroaryl, heteroarylcarbonyl, phenylcarbonyl, C1-C6 alkylcarbonyl, (CH2)pCOOR', or SO2Ph; when X = C, then R3 = H, NR5R6,

NHCOR7, CONHR5, COR7, NHCONH2, OH, or CH2OH, and R4 = in particular H, (un)substituted (CH2)pPh, (CH2)p-heteroaryl, or (CH2)tNR7R8; p = 0-4; t

=

0 or 1; R5, R6 = H, C1-4 alkyl; R7, R8 = C1-4 alkyl or alkoxy, or may together form an (un)substituted satd. ring of 5-7 members, optionally contg. an addnl. N atom]. I can be used for prepg. medicines for

treating

or preventing a wide variety of disorders wherein the PARP enzyme is involved. A table of 38 compds. I and salts is given. For instance, 4H-imidazo[4,5,1-ij]quinolin-2,6(1H,5H)-dione underwent chlorination of the 2-oxo group with POCl3 and NH4Cl, and then ring-expansion at the 6-

oxo

group using NaN3 and H2SO4. The resultant intermediate, 2-chloro-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one,

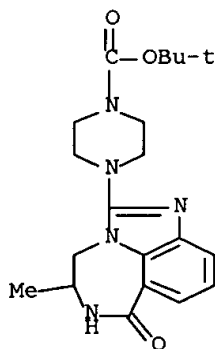
reacted

with 1-phenylpiperazine in the presence of 2,6-lutidine and CsF, in triethylene glycol monomethyl ether at 140.degree., to give title compd. II in 53% yield. The most active compds. I inhibited human recombinant PARP-1 and/or PARP-2 in vitro with IC50 values of 5-500 nM.

IT **429689-48-5P**, 2-[4-[(tert-Butyloxy)carbonyl]piperazin-1-yl]-5-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(drug candidate; prepn. of benzimidazole derivs. as PARP inhibitors)

RN 429689-48-5 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-(4,5,6,7-tetrahydro-5-methyl-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



IT **429689-42-9P**, 2-(4-Phenylpiperazin-1-yl)-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-43-0P**,  
2-[4-(4-Pyridyl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-44-1P**,  
2-[4-(1-Piperidyl)piperidin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-45-2P**,  
2-[4-(5-Methyl-1H-imidazol-4-yl)piperidin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-46-3P**,  
2-(4-Phenylpiperazin-1-yl)-5-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-47-4P**,

2-(4-Methylpiperazin-1-yl)-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-49-6P**, 2-[4-(2-Pyridyl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-50-9P**, 2-(Piperazin-1-yl)-5-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one dihydrochloride **429689-51-0P**, 2-(4-Acetylpiperazin-1-yl)-5-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-52-1P**, 2-[4-(4-Nitrophenyl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-53-2P**, 2-[4-(4-Fluorophenyl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-54-3P**, 2-[4-(2-Chlorophenyl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-55-4P**, 2-(4-Methylhomopiperazin-1-yl)-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-56-5P**, 2-[4-[(tert-Butyloxy)carbonyl]piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-57-6P**, 2-(Piperazin-1-yl)-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one dihydrochloride **429689-58-7P**, 2-[4-Phenyl-4-[(tert-butyloxy)carbonyl]amino]piperidin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-59-8P**, 2-[4-(2-Morpholinoethyl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-60-1P**, 2-[4-(1-Methylpiperidin-4-yl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-61-2P**, 2-(4-Phenyl-4-aminopiperidin-1-yl)-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one dihydrochloride **429689-62-3P**, 2-[4-[(Diethylamino)carbonyl]methyl]piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-63-4P**, 2-[4-(3-Pyrrolidinopropyl)homopiperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-64-5P**, 2-[4-[3-(Dimethylamino)propyl]piperazin-1-yl]-5-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-65-6P**, 2-[4-[(4-Pyridinyl)methyl]piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-66-7P**, 2-[4-[4-(Trifluoromethyl)phenyl]piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-67-8P**, 2-[4-(3-Phenylpropyl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-68-9P**, 2-[4-(2-Fluorophenyl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-69-0P**, 2-[4-[(3,5-Dimethyl-1-phenylpyrazol-4-yl)methyl]piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-70-3P**, 2-[4-[5-(4-Fluorophenyl)pyrazol-3-yl]piperidin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-71-4P**, 2-(4-Cyclohexylpiperazin-1-yl)-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-72-5P**, 2-[4-[3-(1,2,3,4-Tetrahydroisoquinolin-2-yl)propyl]piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-73-6P**, 2-[4-(4-Fluorophenyl)piperazin-1-yl]-10-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-74-7P**, 2-(4-Cyclohexylpiperazin-1-yl)-10-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-75-8P**,

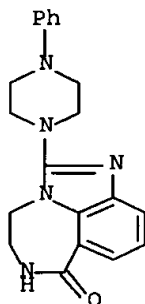
2-[4-(4-Fluorophenyl)piperazin-1-yl]-8-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-76-9P**,  
 2-[4-(4-Fluorophenyl)piperazin-1-yl]-9-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-77-0P**,  
 2-[4-(4-Fluorophenyl)piperazin-1-yl]-4-propyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-78-1P**,  
 2-[4-[(Dimethylamino)acetyl]piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-79-2P**,  
 2-[4-(4-Hydroxyphenyl)piperazin-1-yl]-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; prepn. of benzimidazole derivs. as PARP inhibitors)

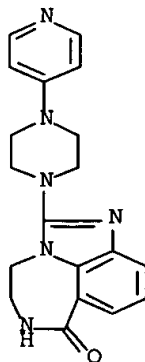
RN 429689-42-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(4-phenyl-1-piperazinyl)- (9CI) (CA INDEX NAME)



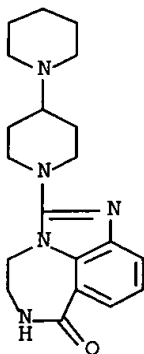
RN 429689-43-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(4-pyridinyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)



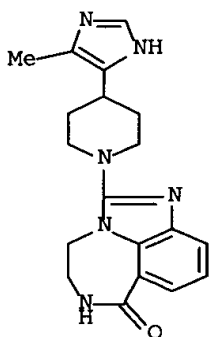
RN 429689-44-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[1,4'-bipiperidin]-1'-yl-5,6-dihydro- (9CI) (CA INDEX NAME)



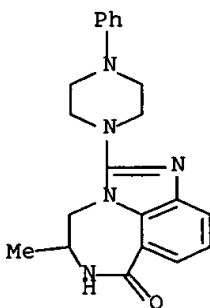
RN 429689-45-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(5-methyl-1H-imidazol-4-yl)-1-piperidinyl]- (9CI) (CA INDEX NAME)



RN 429689-46-3 CAPLUS

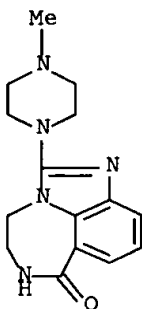
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-5-methyl-2-(4-phenyl-1-piperazinyl)- (9CI) (CA INDEX NAME)



RN 429689-47-4 CAPLUS

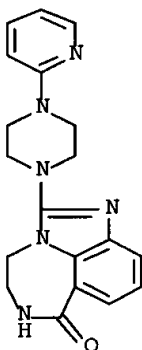
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)





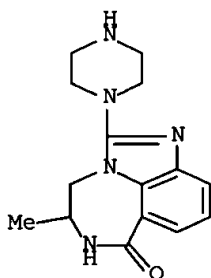
RN 429689-49-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(2-pyridinyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)



RN 429689-50-9 CAPLUS

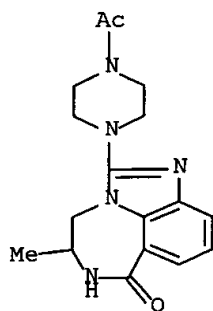
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-5-methyl-2-(1-piperazinyl)-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

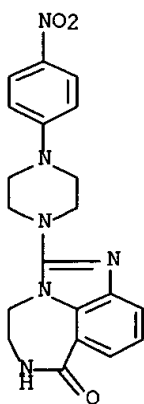
RN 429689-51-0 CAPLUS

CN Piperazine, 1-acetyl-4-(4,5,6,7-tetrahydro-5-methyl-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



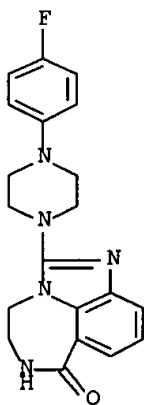
RN 429689-52-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(4-nitrophenyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)



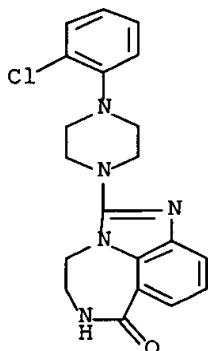
RN 429689-53-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(4-fluorophenyl)-1-piperazinyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



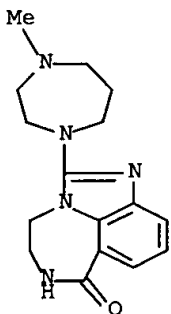
RN 429689-54-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(2-chlorophenyl)-1-piperazinyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



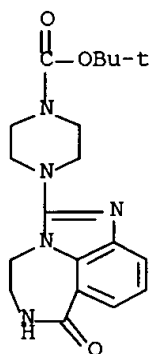
RN 429689-55-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)-5,6-dihydro- (9CI) (CA INDEX NAME)



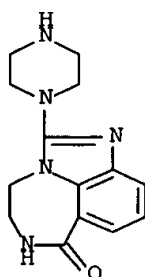
RN 429689-56-5 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 429689-57-6 CAPLUS

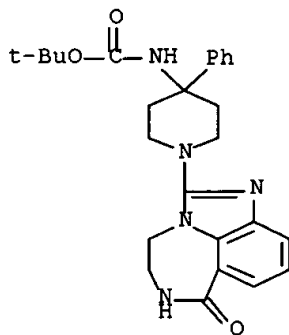
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1-piperazinyl)-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

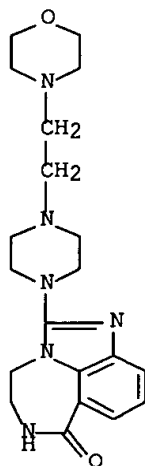
RN 429689-58-7 CAPLUS

CN Carbamic acid, [4-phenyl-1-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)-4-piperidinyl]-, 1,1-dimethylethyl ester (9CI)  
(CA INDEX NAME)



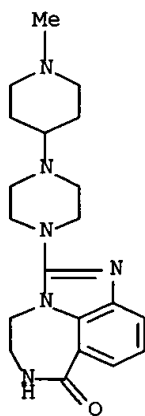
RN 429689-59-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[2-(4-morpholinyl)ethyl]-1-piperazinyl]- (9CI) (CA INDEX NAME)



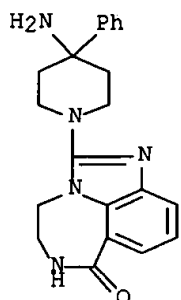
RN 429689-60-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)



RN 429689-61-2 CAPLUS

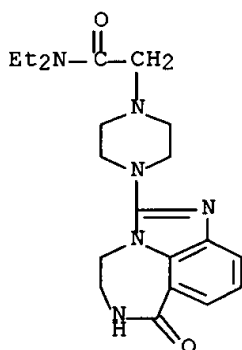
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-amino-4-phenyl-1-piperidinyl)-5,6-dihydro-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

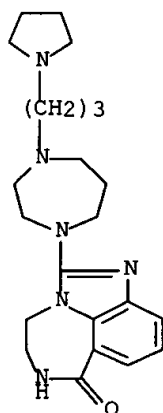
RN 429689-62-3 CAPLUS

CN 1-Piperazineacetamide, N,N-diethyl-4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



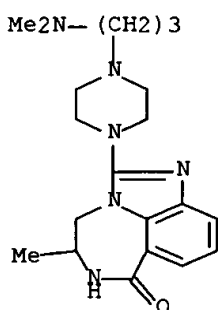
RN 429689-63-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[hexahydro-4-[3-(1-pyrrolidinyl)propyl]-1H-1,4-diazepin-1-yl]-5,6-dihydro- (9CI) (CA INDEX NAME)



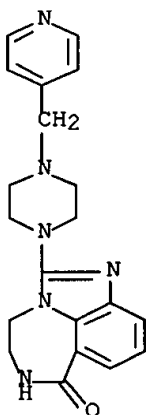
RN 429689-64-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[3-(dimethylamino)propyl]-1-piperazinyl]-5,6-dihydro-5-methyl- (9CI) (CA INDEX NAME)



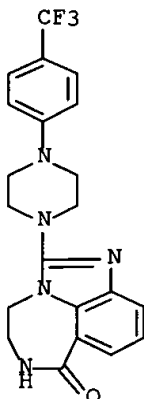
RN 429689-65-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(4-pyridinylmethyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)



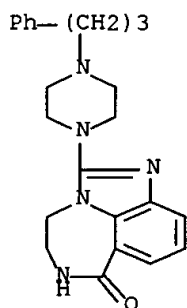
RN 429689-66-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[4-(trifluoromethyl)phenyl]-1-piperazinyl]- (9CI) (CA INDEX NAME)



RN 429689-67-8 CAPLUS

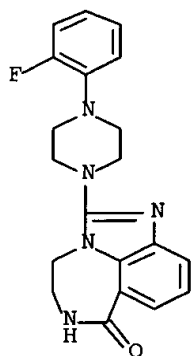
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(3-phenylpropyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)



RN 429689-68-9 CAPLUS

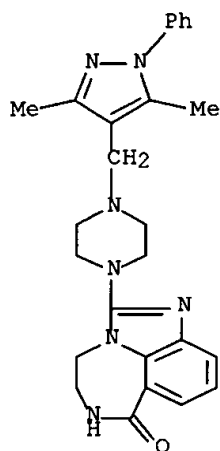
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(2-fluorophenyl)-1-piperazinyl]-5,6-dihydro- (9CI) (CA INDEX NAME)





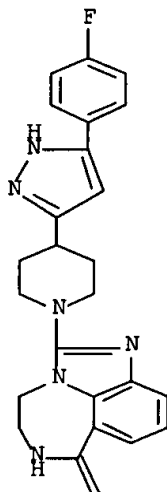
RN 429689-69-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)methyl]-1-piperazinyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



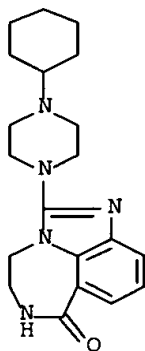
RN 429689-70-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[5-(4-fluorophenyl)-1H-pyrazol-3-yl]-1-piperidinyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

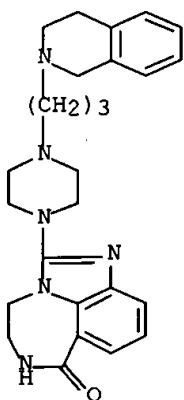


11

RN 429689-71-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-cyclohexyl-1-piperazinyl)-5,6-dihydro- (9CI) (CA INDEX NAME)

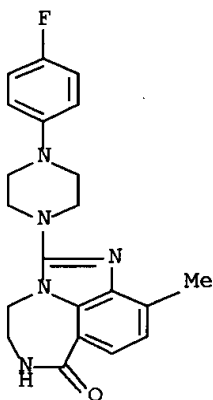


RN 429689-72-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[3-(3,4-dihydro-2(1H)-isoquinolinyl)propyl]-1-piperazinyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



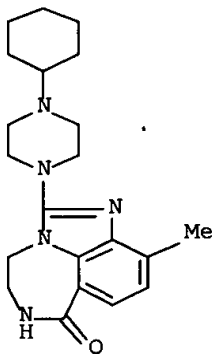
RN 429689-73-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(4-fluorophenyl)-1-piperazinyl]-5,6-dihydro-10-methyl- (9CI) (CA INDEX NAME)



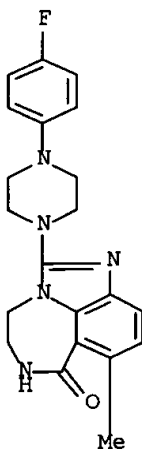
RN 429689-74-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-cyclohexyl-1-piperazinyl)-5,6-dihydro-10-methyl- (9CI) (CA INDEX NAME)



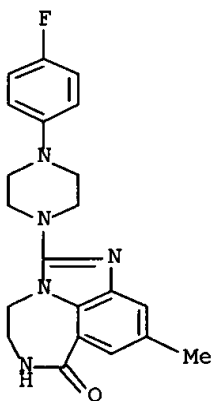
RN 429689-75-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(4-fluorophenyl)-1-piperazinyl]-5,6-dihydro-8-methyl- (9CI) (CA INDEX NAME)



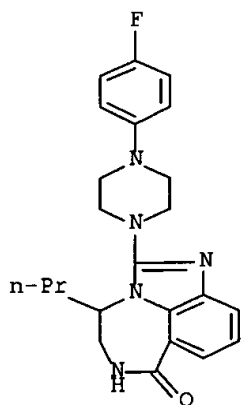
RN 429689-76-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(4-fluorophenyl)-1-piperazinyl]-5,6-dihydro-9-methyl- (9CI) (CA INDEX NAME)



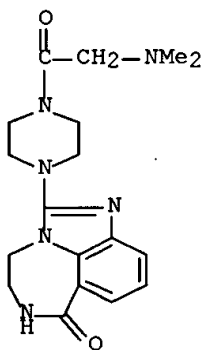
RN 429689-77-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(4-fluorophenyl)-1-piperazinyl]-5,6-dihydro-4-propyl- (9CI) (CA INDEX NAME)



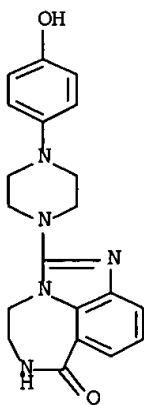
RN 429689-78-1 CAPLUS

CN Piperazine, 1-[(dimethylamino)acetyl]-4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)

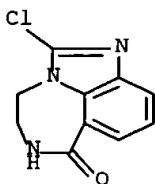


RN 429689-79-2 CAPLUS

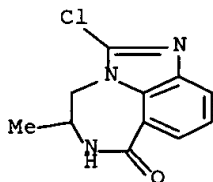
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(4-hydroxyphenyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)



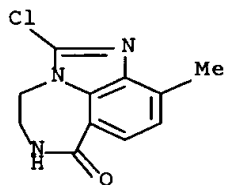
IT **429689-80-5P**, 2-Chloro-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one **429689-81-6P**,  
 2-Chloro-5-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-  
 one  
**429689-82-7P**, 2-Chloro-10-methyl-5,6-dihydroimidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);  
 RACT  
 (Reactant or reagent)  
 (intermediate; prepn. of benzimidazole derivs. as PARP inhibitors)  
 RN 429689-80-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-chloro-5,6-dihydro-  
 (9CI)  
 (CA INDEX NAME)



RN 429689-81-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-chloro-5,6-dihydro-5-methyl- (9CI) (CA INDEX NAME)

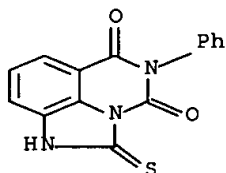


RN 429689-82-7 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-chloro-5,6-dihydro-10-methyl- (9CI) (CA INDEX NAME)

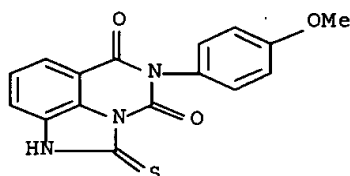


RE.CNT 3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 2002:389415 CAPLUS  
 DN 137:232610  
 TI A convenient synthesis of 5- and 8-nitroquinazoline-2,4-dione derivatives  
 AU Aziane, D.; Soukri, M.; El Hakmaoui, A.; Lazar, S.; Essassi, E. M.; Guillaumet, G.; Akssira, M.  
 CS Laboratoire de Chimie Bioorganique et Analytique, FST-Universite Hassan II - Mohammedia, Mohammedia, 20650, Morocco  
 SO Journal of Heterocyclic Chemistry (2002), 39(2), 271-276  
 CODEN: JHTCAD; ISSN: 0022-152X  
 PB HeteroCorporation  
 DT Journal  
 LA English  
 OS CASREACT 137:232610  
 AB 3-Nitrophthalic acid was converted selectively to the two regioisomeric monoesters, which were subsequently transformed via Curtius rearrangement to the corresponding 5- and 8-nitroquinazoline-2,4-diones, resp. The redn. of the nitro group produced 5- and 8-aminoquinazoline-2,4-diones, resp., in good yields. The cyclocondensation of 8-amino-3-phenylquinazoline-2,4(1H,3H)-dione and 8-amino-3-(4-methoxyphenyl)quinazoline-2,4(1H,3H)-dione with CS<sub>2</sub> in pyridine afforded tricyclic derivs., thioxoimidazo[4,5,1-ij]quinazolinediones, which are analogs of the HIV-1 reverse transcriptase inhibitor 4,5,6,7-tetrahydro-5-methylimidazo[4,5,1-jk][1,4]benzodiazepin-2(1H)-one (TIBO).  
 IT **459146-65-7P 459146-66-8P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);  
 RACT (Reactant or reagent)  
 (prepn. of quinazolinediones by Curtius rearrangement of phthalates)  
 RN 459146-65-7 CAPLUS  
 CN 4H-Imidazo[4,5,1-ij]quinazoline-4,6(5H)-dione, 1,2-dihydro-5-phenyl-2-thioxo- (9CI) (CA INDEX NAME)



RN 459146-66-8 CAPLUS  
 CN 4H-Imidazo[4,5,1-ij]quinazoline-4,6(5H)-dione, 1,2-dihydro-5-(4-methoxyphenyl)-2-thioxo- (9CI) (CA INDEX NAME)



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

App's

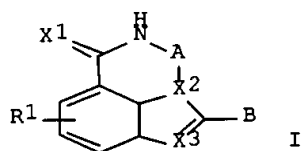
L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:225212 CAPLUS  
DN 134:266331  
TI Preparation of 2-phenyl-5,6-dihydro-imidazo[4,5,1-jk][1,4]benzodiazepin-  
7(4H)-ones as poly(ADP ribose) polymerase inhibitors.  
IN Lubisch, Wilfried; Kock, Michael; Hoeger, Thomas; Grandel, Roland;  
Mueller, Reinhold; Schult, Sabine  
PA BASF A.-G., Germany  
SO Ger. Offen., 12 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19946289	A1	20010329	DE 1999-19946289	19990928
	WO 2001023386	A2	20010405	WO 2000-EP9023	20000915
	WO 2001023386	A3	20020510		
	W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
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	WO 2001023390	A2	20010405	WO 2000-EP9024	20000915
	WO 2001023390	A3	20011227		
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	RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	BR 2000007174	A	20010904	BR 2000-7174	20000915
	EP 1183259	A2	20020306	EP 2000-974379	20000915
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
	BR 2000014326	A	20020528	BR 2000-14326	20000915
	EP 1222191	A2	20020717	EP 2000-966022	20000915
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL		
	JP 2003510324	T2	20030318	JP 2001-526538	20000915
	JP 2003510328	T2	20030318	JP 2001-526542	20000915
	NO 2001002567	A	20010625	NO 2001-2567	20010525
	BG 105650	A	20020228	BG 2001-105650	20010626
	BG 6444	A	20020930	BG 2002-6444	20020226
	BG 106444	A	20020930	BG 2002-106444	20020226
	NO 2002001379	A	20020320	NO 2002-1379	20020320
PRAI	DE 1999-19946289	A	19990928		
	DE 2000-10039610	A	20000809		
	WO 2000-EP9023	W	20000915		
	WO 2000-EP9024	W	20000915		



OS MARPAT 134:266331

GI



AB Title compds. [I; A = (substituted) C1-3 alkylene; X1 = S, O, NE; X2 = N, (substituted) C; X3 = N, CR2; R2 = H, alkyl, alkylphenyl, Ph; R1 = H, halo, OH, NO2, CF3, cyano, alkyl, alkoxy, etc.; B = (unsatd.) (O-, N-, S-interrupted) (substituted) mono-, bi-, tricyclic] were prepd. as poly(ADP ribose) polymerase inhibitors (no data). Thus, Me 2-chloro-3-nitrobenzoate was heated with K2CO3 and H2NCH2CH2NH2 in DMF for 3 at 120.degree. to give 9-nitro-1,2,3,4-tetrahydro-5H-1,4-benzodiazepin-5-one, which was hydrogenated using Pd/C in EtOH to give 9-amino-1,2,3,4-tetrahydro-5H-1,4-benzodiazepin-5-one. The latter in MeOH contg. HOAc was treated dropwise with 4-(4-methylpiperazin-1-yl)benzaldehyde in MeOH followed by 1 h stirring at room temp.; Cu(OAc)2, Na2S, and HCl in H2O were added followed by 30 min reflux to give 2-[4-(4-methylpiperazin-1-yl)phenyl]-5,6-dihydro-imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one.

IT **331730-18-8P 331730-20-2P 331730-21-3P**

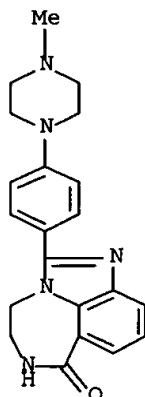
**331730-22-4P 331730-23-5P 331730-24-6P**

**331730-26-8P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of phenyldihydroimidazobenzodiazepinones as PARP inhibitors)

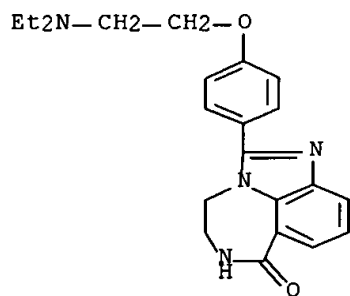
RN 331730-18-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(4-methyl-1-piperazinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 331730-20-2 CAPLUS

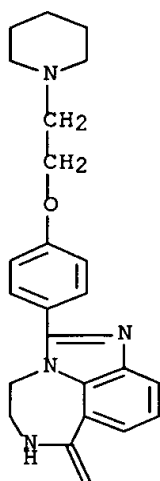
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[2-(diethylamino)ethoxy]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 331730-21-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

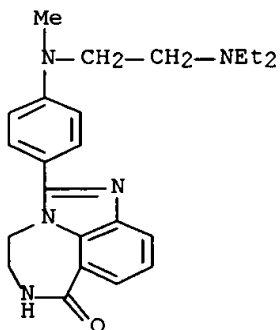


PAGE 2-A

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RN 331730-22-4 CAPLUS

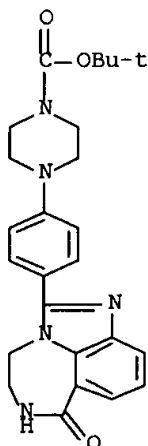
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[2-(diethylamino)ethyl]methylamino]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 331730-23-5 CAPLUS

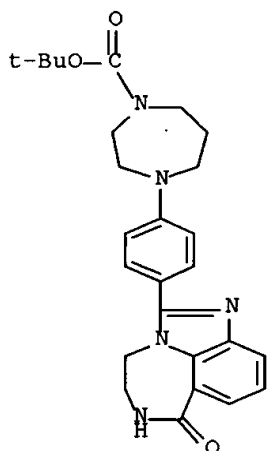
CN 1-Piperazinecarboxylic acid, 4-[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]-, 1,1-dimethylethyl

ester (9CI) (CA INDEX NAME)



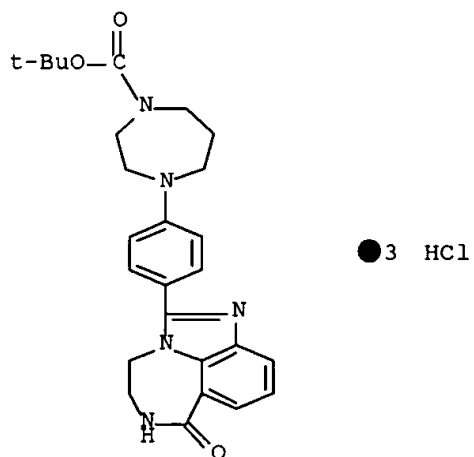
RN 331730-24-6 CAPLUS

CN 1H-1,4-Diazepine-1-carboxylic acid, hexahydro-4-[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 331730-26-8 CAPLUS

CN 1H-1,4-Diazepine-1-carboxylic acid, hexahydro-4-[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]-, 1,1-dimethylethyl ester, trihydrochloride (9CI) (CA INDEX NAME)



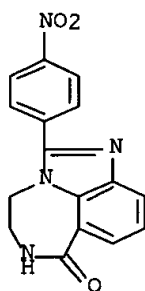
IT **331730-19-9**

RL: RCT (Reactant); RACT (Reactant or reagent)

(prepn. of phenyldihydroimidazobenzodiazepinones as PARP inhibitors)

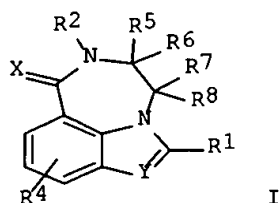
RN 331730-19-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:167995 CAPLUS  
 DN 134:207833  
 TI Preparation of tricyclic inhibitors of poly(ADP-ribose) polymerases  
 IN Webber, Stephen Evan; Skaltitzky, Donald James; Tikhe, Jayashree Girish;  
 Kumpf, Robert Arnold; Marakovits, Joseph Timothy; Eastman, Walter Brian  
 PA Agouron Pharmaceuticals, Inc., USA; Cancer Research Campaign Technology  
 Limited  
 SO PCT Int. Appl., 236 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001016136	A2	20010308	WO 2000-US23882	20000831
	W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	EP 1208104	A2	20020529	EP 2000-961437	20000831
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL		
	BR 2000015051	A	20020625	BR 2000-15051	20000831
	JP 2003513015	T2	20030408	JP 2001-519702	20000831
	US 6548494	B1	20030415	US 2000-653184	20000831
	NO 2002000421	A	20020425	NO 2002-421	20020128
	BG 106562	A	20030331	BG 2002-106562	20020329
PRAI	US 1999-152142P	P	19990831		
	WO 2000-US23882	W	20000831		
OS	MARPAT 134:207833				
GI					



AB The title compds. [I; X = O, S; Y = N, CR3 (wherein R3 = halo, CN, alkyl, etc.); R1 = H, halo, CN, etc.; R2 = H, alkyl; R4 = H, halo, alkyl; R5-R8 = H, alkyl, alkenyl, aryl, etc.] which are poly(ADP-ribosyl)transferase inhibitors, and are useful in treating cancers and in ameliorating the effects of stroke, head trauma, and neurodegenerative disease, were prepd. E.g., a multi-step synthesis of 1-phenyl-8,9-dihydro-7H-2,7,9a-triaza-benzo[cd]azulen-6-one [I; Y = N; X = O; R1 = Ph; R2, R4-R8 = H] was given. Biol. data for compds. I were presented.

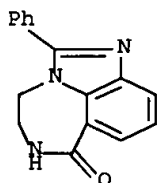
IT 328542-04-7P 328542-20-7P 328542-32-1P  
 328542-56-9P 328542-58-1P 328542-59-2P

328542-61-6P 328543-05-1P 328543-07-3P  
 328543-09-5P 328543-29-9P 328543-31-3P  
 328543-41-5P 328543-50-6P 328543-84-6P  
 328544-00-9P 328544-08-7P 328544-29-2P  
 328544-34-9P 328544-38-3P 328544-40-7P  
 328544-42-9P 328544-48-5P 328544-55-4P  
 328544-57-6P 328544-61-2P 328544-63-4P  
 328544-65-6P 328544-71-4P 328544-77-0P  
 328544-83-8P

RL: BAC (Biological activity or effector, except adverse); BSU  
 (Biological study, unclassified); RCT (Reactant); SPN (Synthetic  
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP  
 (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (prepn. of tricyclic inhibitors of poly(ADP-ribose) polymerases)

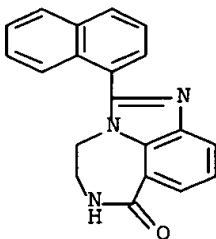
RN 328542-04-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-phenyl-  
 (9CI) (CA INDEX NAME)



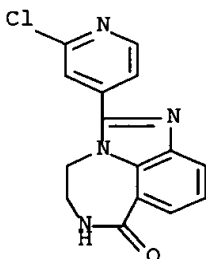
RN 328542-20-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1-  
 naphthalenyl)- (9CI) (CA INDEX NAME)



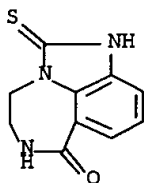
RN 328542-32-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(2-chloro-4-pyridinyl)-  
 5,6-dihydro- (9CI) (CA INDEX NAME)



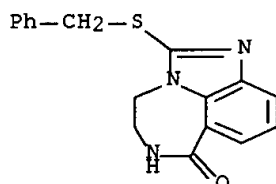
RN 328542-56-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 1,2,5,6-tetrahydro-2-  
 thioxo- (9CI) (CA INDEX NAME)



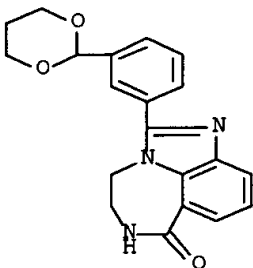
RN 328542-58-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[(phenylmethyl)thio]- (9CI) (CA INDEX NAME)



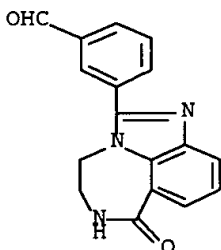
RN 328542-59-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-(1,3-dioxan-2-yl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



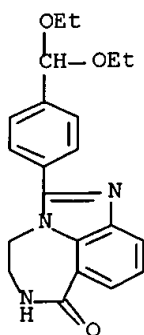
RN 328542-61-6 CAPLUS

CN Benzaldehyde, 3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



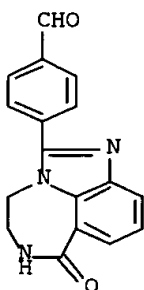
RN 328543-05-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(diethoxymethyl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



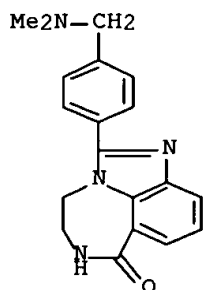
RN 328543-07-3 CAPLUS

CN Benzaldehyde, 4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



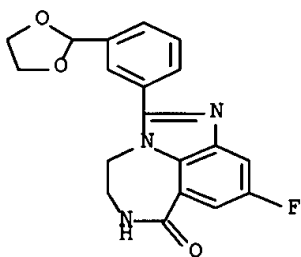
RN 328543-09-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(dimethylamino)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328543-29-9 CAPLUS

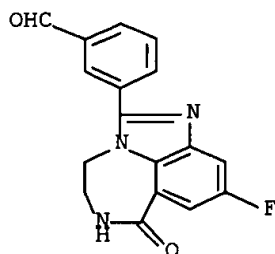
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-(1,3-dioxolan-2-yl)phenyl]-9-fluoro-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328543-31-3 CAPLUS

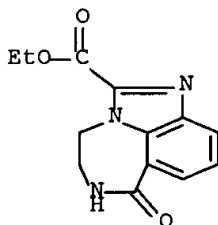


CN Benzaldehyde, 3-(9-fluoro-4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



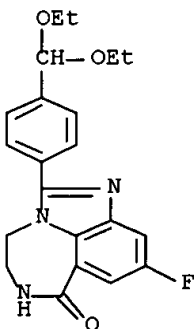
RN 328543-41-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2-carboxylic acid, 4,5,6,7-tetrahydro-7-oxo-, ethyl ester (9CI) (CA INDEX NAME)



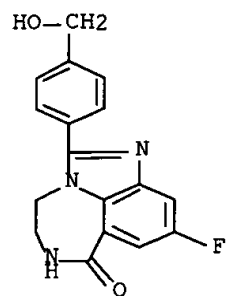
RN 328543-50-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(diethoxymethyl)phenyl]-9-fluoro-5,6-dihydro- (9CI) (CA INDEX NAME)



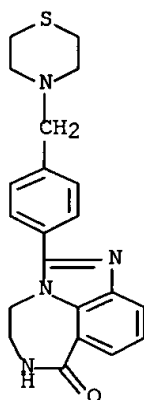
RN 328543-84-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-fluoro-5,6-dihydro-2-[4-(hydroxymethyl)phenyl]- (9CI) (CA INDEX NAME)



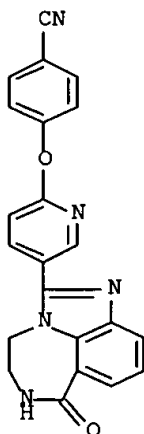
RN 328544-00-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(4-thiomorpholinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



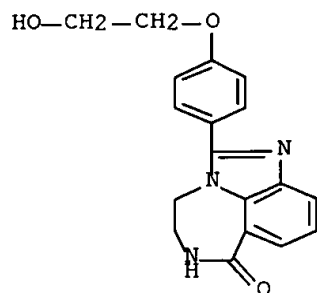
RN 328544-08-7 CAPLUS

CN Benzonitrile, 4-[[5-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)-2-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



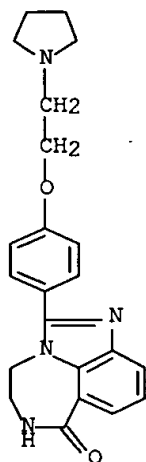
RN 328544-29-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)



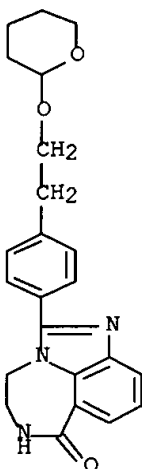
RN 328544-34-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



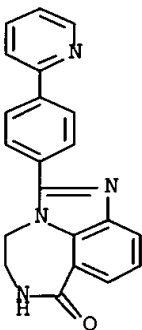
RN 328544-38-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[2-(tetrahydro-2H-pyran-2-yl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



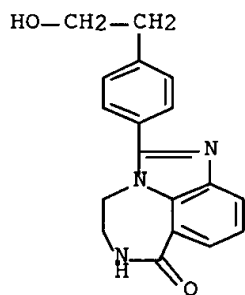
RN 328544-40-7 CAPLUS

Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(2-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)



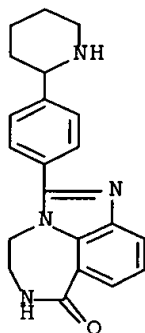
RN 328544-42-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(2-hydroxyethyl)phenyl]- (9CI) (CA INDEX NAME)



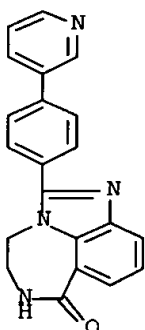
RN 328544-48-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(2-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)



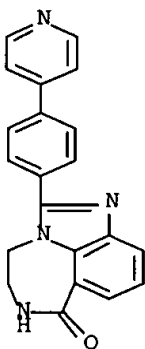
RN 328544-55-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(3-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)



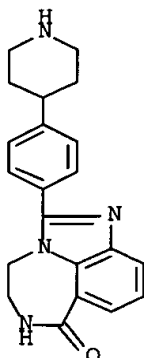
RN 328544-57-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(4-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)



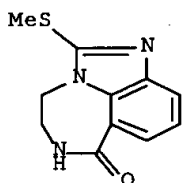
RN 328544-61-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(4-piperidiny)phenyl]- (9CI) (CA INDEX NAME)



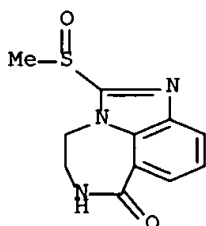
RN 328544-63-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(methylthio)- (9CI) (CA INDEX NAME)



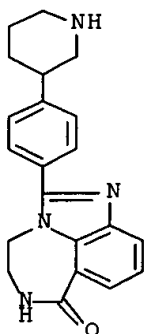
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CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(methylsulfinyl)- (9CI) (CA INDEX NAME)



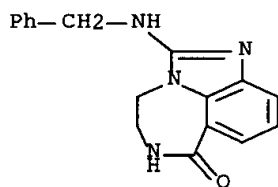
RN 328544-71-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(3-piperidiny)phenyl]- (9CI) (CA INDEX NAME)



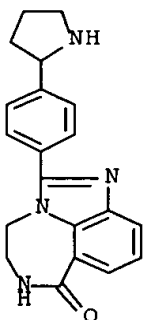
RN 328544-77-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)



RN 328544-83-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(2-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)

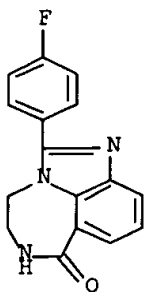


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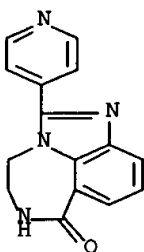
RL: BAC (Biological activity or effector, except adverse); BSU  
 (Biological  
 study, unclassified); SPN (Synthetic preparation); THU (Therapeutic  
 use);  
 BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of tricyclic inhibitors of poly(ADP-ribose) polymerases)  
 RN 328542-06-9 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-fluorophenyl)-5,6-  
 dihydro- (9CI) (CA INDEX NAME)





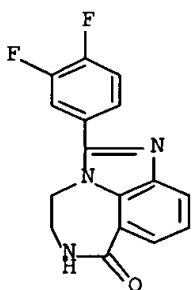
RN 328542-08-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(4-pyridinyl)-  
(9CI) (CA INDEX NAME)



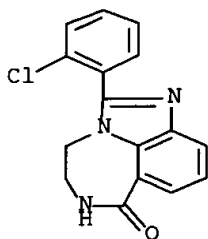
RN 328542-10-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(3,4-difluorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



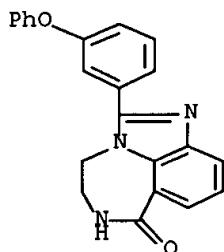
RN 328542-12-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(2-chlorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



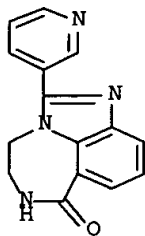
RN 328542-14-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)



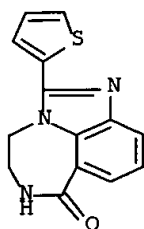
RN 328542-16-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(3-pyridinyl)- (9CI) (CA INDEX NAME)



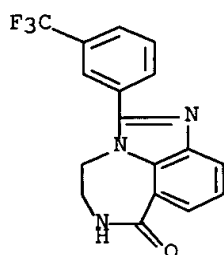
RN 328542-18-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-thienyl)- (9CI) (CA INDEX NAME)



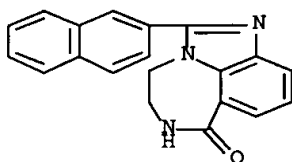
RN 328542-22-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



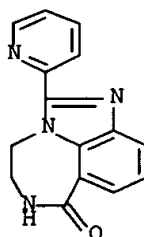
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CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-naphthalenyl)- (9CI) (CA INDEX NAME)



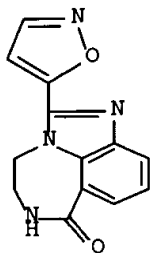
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CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-pyridinyl)- (9CI) (CA INDEX NAME)



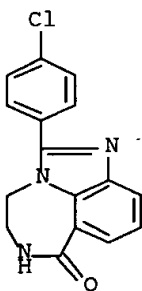
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CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(5-isoxazolyl)- (9CI) (CA INDEX NAME)



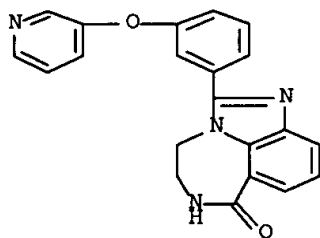
RN 328542-30-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-chlorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



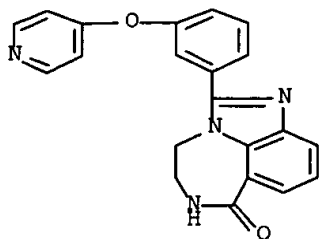
RN 328542-34-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-(3-pyridinyloxy)phenyl]- (9CI) (CA INDEX NAME)



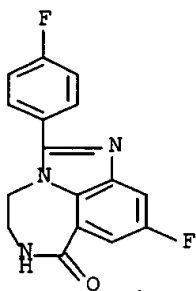
RN 328542-36-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-(4-pyridinyloxy)phenyl]- (9CI) (CA INDEX NAME)



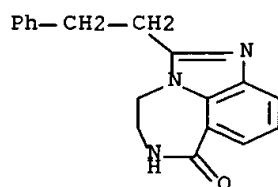
RN 328542-38-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-fluoro-2-(4-fluorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



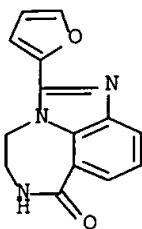
RN 328542-40-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-fluorophenylethyl)- (9CI) (CA INDEX NAME)

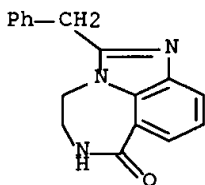


RN 328542-42-3 CAPLUS

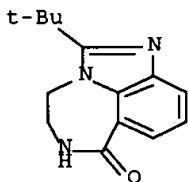
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(2-furanylmethyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



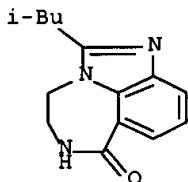
RN 328542-43-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(phenylmethyl)- (9CI) (CA INDEX NAME)



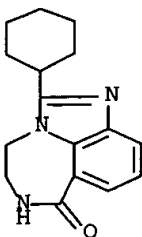
RN 328542-45-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(1,1-dimethylethyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328542-46-7 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-methylpropyl)- (9CI) (CA INDEX NAME)

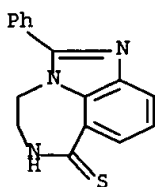


RN 328542-48-9 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-cyclohexyl-5,6-dihydro- (9CI) (CA INDEX NAME)



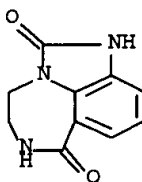
RN 328542-50-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepine-7(4H)-thione, 5,6-dihydro-2-phenyl-  
(9CI) (CA INDEX NAME)



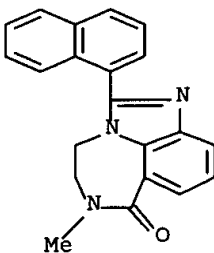
RN 328542-52-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2,7(1H,4H)-dione, 5,6-dihydro-  
(9CI)  
(CA INDEX NAME)



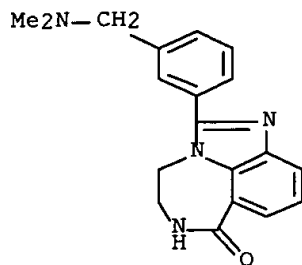
RN 328542-54-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-6-methyl-2-  
(1-naphthalenyl)- (9CI) (CA INDEX NAME)

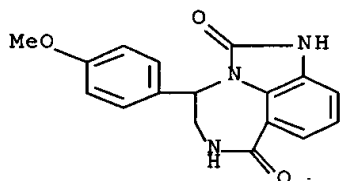


RN 328542-63-8 CAPLUS

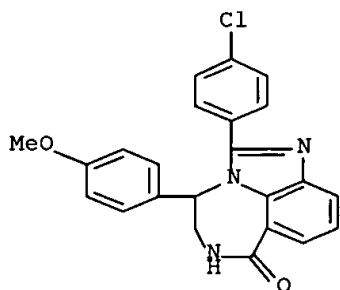
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-  
[(dimethylamino)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328542-99-0 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2,7(1H,4H)-dione,  
5,6-dihydro-4-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

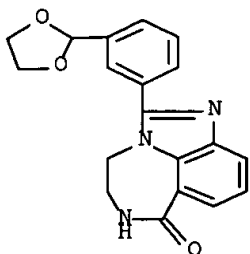


RN 328543-01-7 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-chlorophenyl)-5,6-  
dihydro-4-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



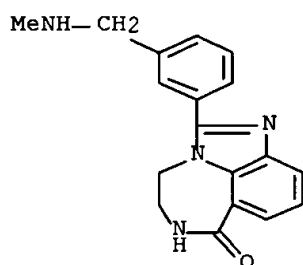
RN 328543-03-9 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-(1,3-dioxolan-2-  
yl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)





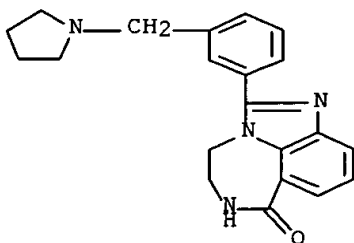
RN 328543-11-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-(methyamino)methyl]phenyl]- (9CI) (CA INDEX NAME)



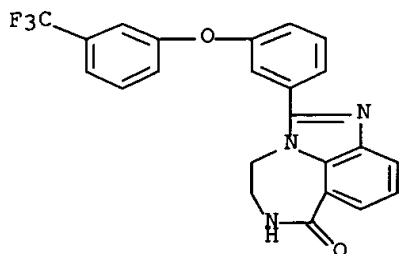
RN 328543-13-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-(1-pyrrolidinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



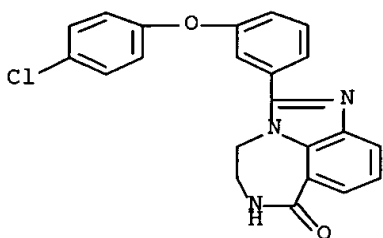
RN 328543-15-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-[3-(trifluoromethyl)phenoxy]phenyl]- (9CI) (CA INDEX NAME)



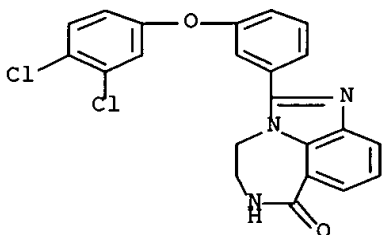
RN 328543-17-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-(4-chlorophenoxy)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



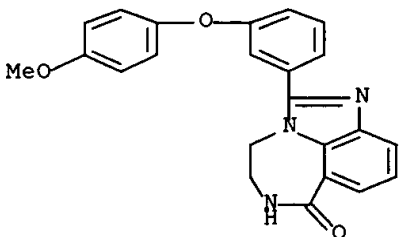
RN 328543-19-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-(3,4-dichlorophenoxy)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

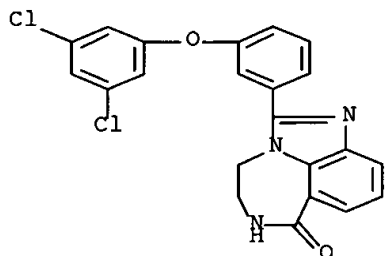


RN 328543-21-1 CAPLUS

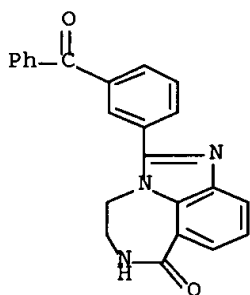
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-(4-methoxyphenoxy)phenyl]- (9CI) (CA INDEX NAME)



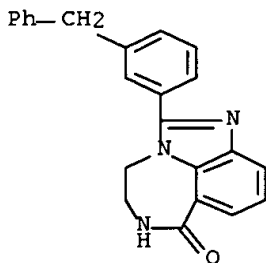
RN 328543-23-3 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-(3,5-dichlorophenoxy)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



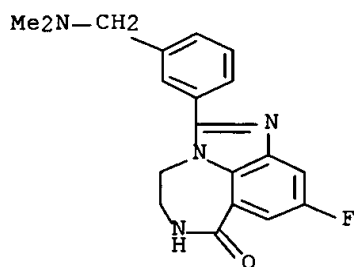
RN 328543-25-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(3-benzoylphenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328543-27-7 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-(phenylmethyl)phenyl]- (9CI) (CA INDEX NAME)

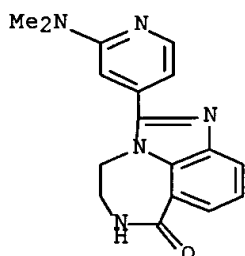


RN 328543-33-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-[(dimethylamino)methyl]phenyl]-9-fluoro-5,6-dihydro- (9CI) (CA INDEX NAME)



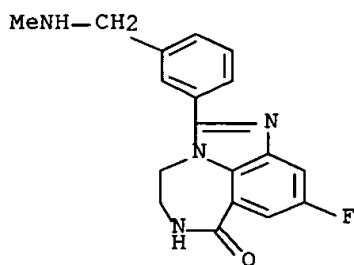
RN 328543-35-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[2-(dimethylamino)-4-pyridinyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



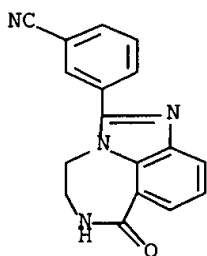
RN 328543-37-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-fluoro-5,6-dihydro-2-[3-[(methylamino)methyl]phenyl]- (9CI) (CA INDEX NAME)



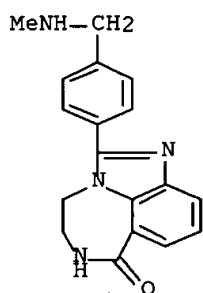
RN 328543-39-1 CAPLUS

CN Benzonitrile, 3-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



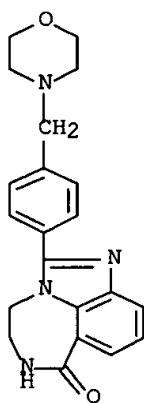
RN 328543-43-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(methyamino)methyl]phenyl]- (9CI) (CA INDEX NAME)



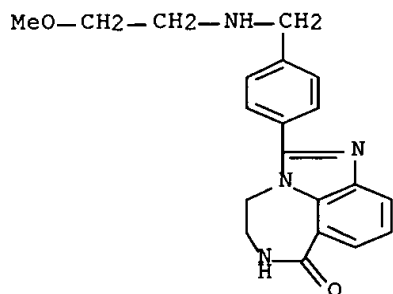
RN 328543-45-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(4-morpholinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



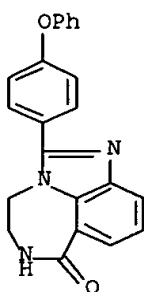
RN 328543-47-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[2-methoxyethyl)amino]methyl]phenyl]- (9CI) (CA INDEX NAME)



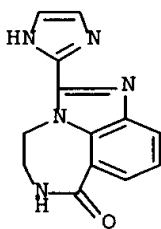
RN 328543-49-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)



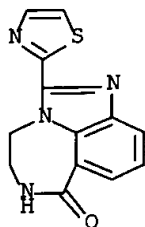
RN 328543-52-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1H-imidazol-2-yl)- (9CI) (CA INDEX NAME)



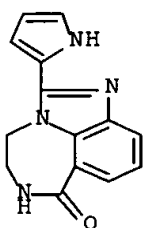
RN 328543-78-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(2-thiazolyl)- (9CI) (CA INDEX NAME)



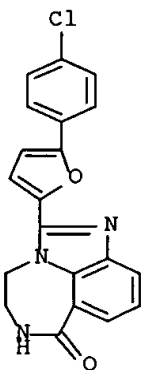
RN 328543-80-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(1H-pyrrol-2-yl)- (9CI) (CA INDEX NAME)



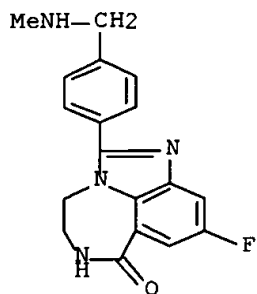
RN 328543-82-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[5-(4-chlorophenyl)-2-furanyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

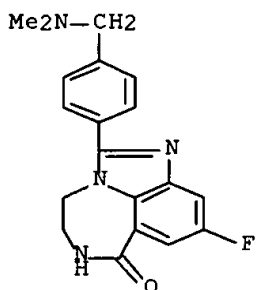


RN 328543-86-8 CAPLUS

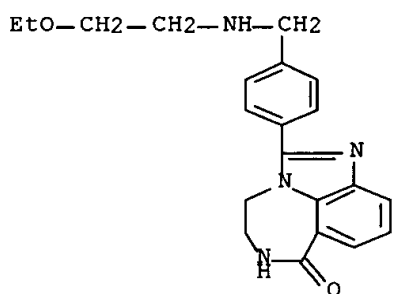
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-fluoro-5,6-dihydro-2-[(methylamino)methyl]phenyl]- (9CI) (CA INDEX NAME)



RN 328543-89-1 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-  
 [(dimethylamino)methyl]phenyl]-9-fluoro-5,6-dihydro- (9CI) (CA INDEX  
 NAME)

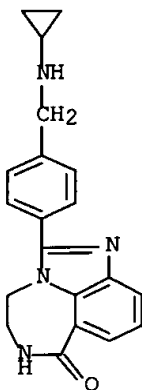


RN 328543-91-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[2-  
 ethoxyethyl)amino]methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



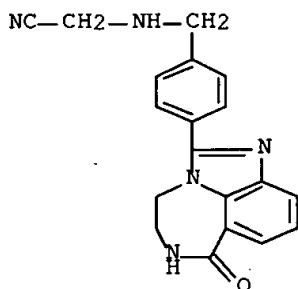
RN 328543-92-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-  
 [(cyclopropylamino)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)





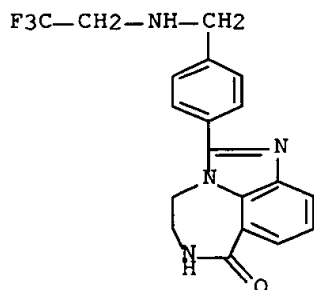
RN 328543-94-8 CAPLUS

CN Acetonitrile, [[[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]methyl]amino]- (9CI) (CA INDEX NAME)



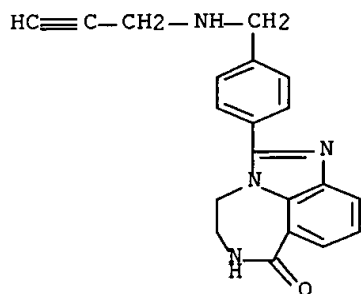
RN 328543-96-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[2,2,2-trifluoroethyl]amino]methyl]phenyl]- (9CI) (CA INDEX NAME)



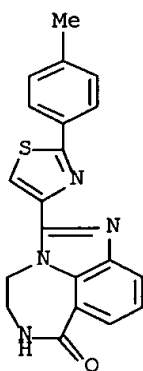
RN 328543-98-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[(2-propynylamino)methyl]phenyl]- (9CI) (CA INDEX NAME)



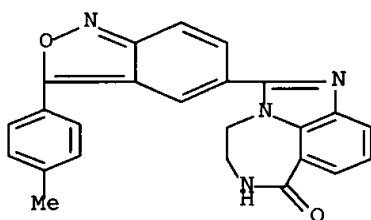
RN 328544-02-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[2-(4-methylphenyl)-4-thiazolyl]- (9CI) (CA INDEX NAME)



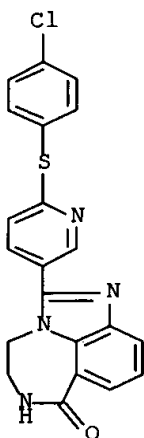
RN 328544-04-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-(4-methylphenyl)-2,1-benzisoxazol-5-yl]- (9CI) (CA INDEX NAME)

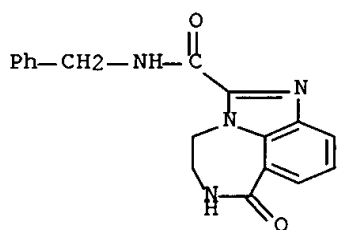


RN 328544-06-5 CAPLUS

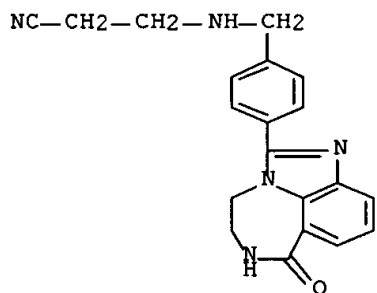
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[6-[(4-chlorophenyl)thio]-3-pyridinyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



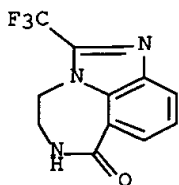
RN 328544-10-1 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2-carboxamide, 4,5,6,7-tetrahydro-7-oxo-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 328544-12-3 CAPLUS  
 CN Propanenitrile, 3-[[[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]methyl]amino]- (9CI) (CA INDEX NAME)

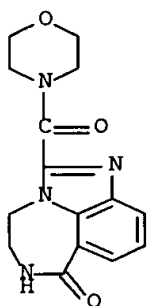


RN 328544-14-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



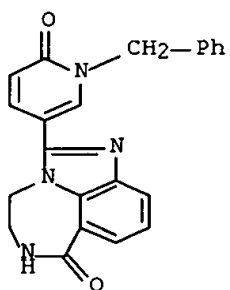
RN 328544-16-7 CAPLUS

CN Morpholine, 4-[(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)carbonyl]- (9CI) (CA INDEX NAME)



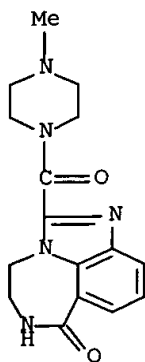
RN 328544-18-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[1,6-dihydro-6-oxo-1-(phenylmethyl)-3-pyridinyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



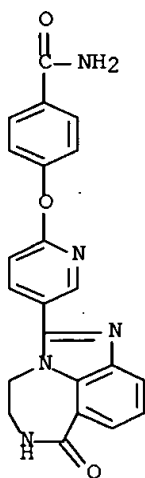
RN 328544-20-3 CAPLUS

CN Piperazine, 1-methyl-4-[(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)carbonyl]- (9CI) (CA INDEX NAME)



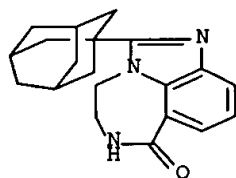
RN 328544-22-5 CAPLUS

CN Benzamide, 4-[[5-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)-2-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



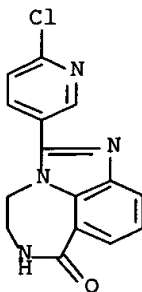
RN 328544-23-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-tricyclo[3.3.1.1.3,7]dec-1-yl- (9CI) (CA INDEX NAME)



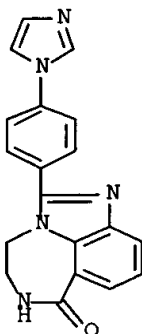
RN 328544-25-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(6-chloro-3-pyridinyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



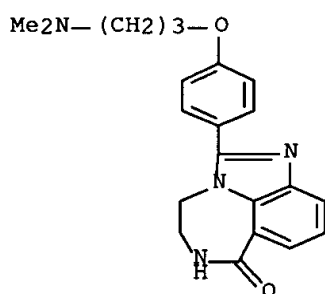
RN 328544-27-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1H-imidazol-1-yl)phenyl]- (9CI) (CA INDEX NAME)



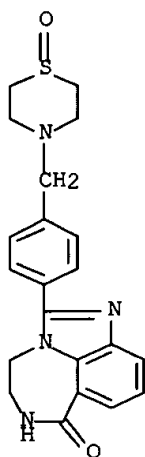
RN 328544-31-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[3-(dimethylamino)propoxy]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



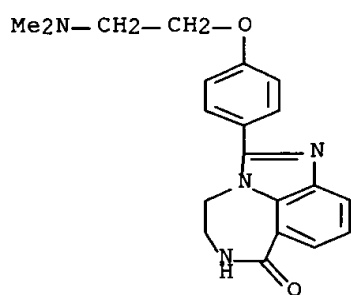
RN 328544-33-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[(1-oxido-4-thiomorpholinyl)methyl]phenyl]- (9CI) (CA INDEX NAME)



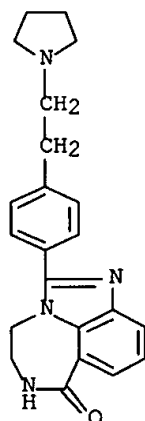
RN 328544-36-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[2-(dimethylamino)ethoxy]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

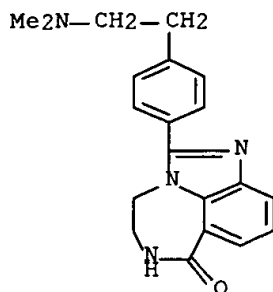


RN 328544-44-1 CAPLUS

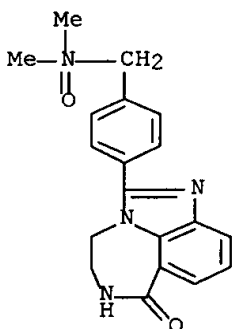
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[2-(1-pyrrolidinyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



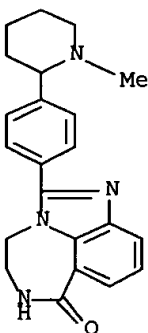
RN 328544-46-3 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[2-(dimethylamino)ethyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328544-49-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(dimethyloxidoamino)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



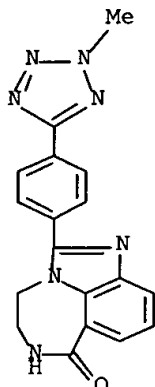
RN 328544-51-0 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-methyl-2-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)





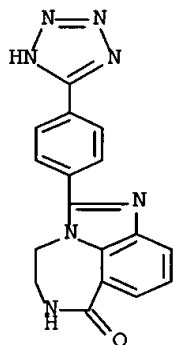
RN 328544-53-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(2-methyl-2H-tetrazol-5-yl)phenyl]- (9CI) (CA INDEX NAME)



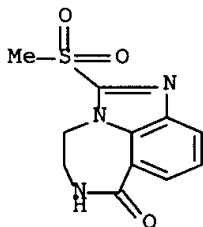
RN 328544-59-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1H-tetrazol-5-yl)phenyl]- (9CI) (CA INDEX NAME)



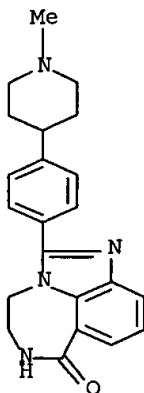
RN 328544-67-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-(methylsulfonyl)- (9CI) (CA INDEX NAME)



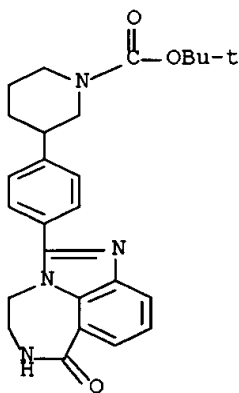
RN 328544-69-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-methyl-4-piperidiny)phenyl]- (9CI) (CA INDEX NAME)



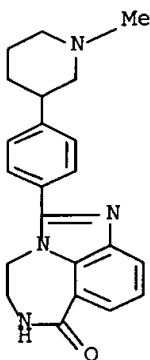
RN 328544-73-6 CAPLUS

CN 1-Piperidinecarboxylic acid, 3-[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 328544-75-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-methyl-3-piperidiny)phenyl]- (9CI) (CA INDEX NAME)



RN 328544-79-2 CAPLUS

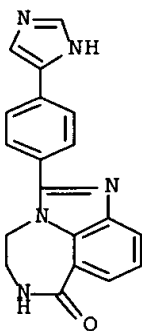
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-amino-5,6-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

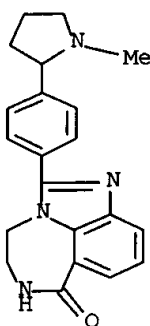
RN 328544-81-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1H-imidazol-4-yl)phenyl]- (9CI) (CA INDEX NAME)



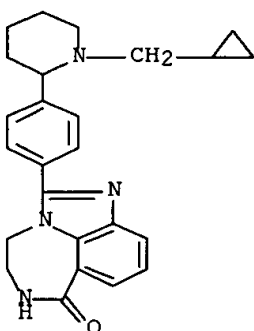
RN 328544-85-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-methyl-2-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



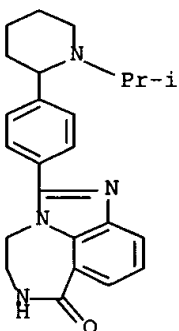
RN 328544-87-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[1-(cyclopropylmethyl)-2-piperidinyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



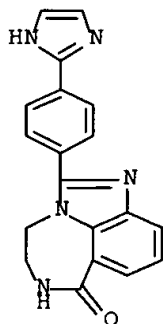
RN 328544-89-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[1-(1-methylethyl)-2-piperidinyl]phenyl]- (9CI) (CA INDEX NAME)



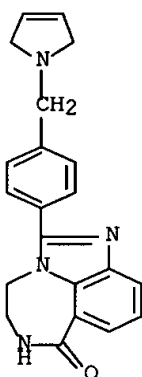
RN 328544-91-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1H-imidazol-2-yl)phenyl]- (9CI) (CA INDEX NAME)



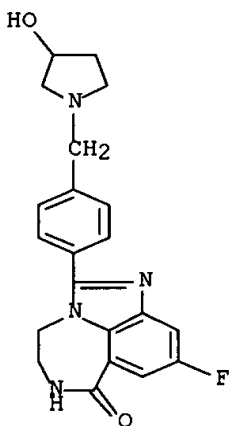
RN 328545-24-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dihydro-1H-pyrrol-1-yl)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



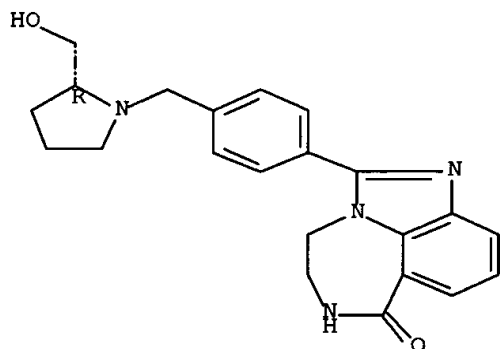
RN 328545-25-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-fluoro-5,6-dihydro-2-[4-[(3-hydroxy-1-pyrrolidinyl)methyl]phenyl]- (9CI) (CA INDEX NAME)

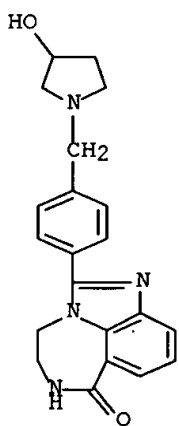


RN 328545-28-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]methyl]phenyl]- (9CI) (CA INDEX NAME)

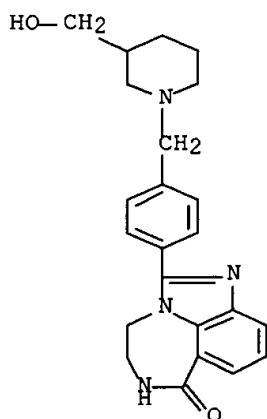
Absolute stereochemistry.



RN 328545-30-8 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[(3-hydroxy-1-pyrrolidinyl)methyl]phenyl]- (9CI) (CA INDEX NAME)

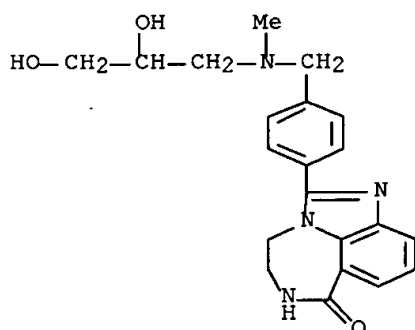


RN 328545-31-9 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[3-(hydroxymethyl)-1-piperidinyl]methyl]phenyl]- (9CI) (CA INDEX NAME)



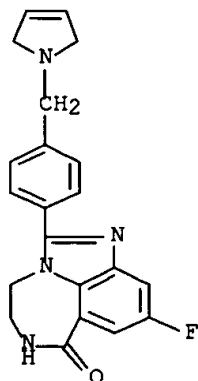
RN 328545-33-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[ (2,3-dihydroxypropyl)methylamino]methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328545-34-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dihydro-1H-pyrrol-1-yl)methyl]phenyl]-9-fluoro-5,6-dihydro- (9CI) (CA INDEX NAME)

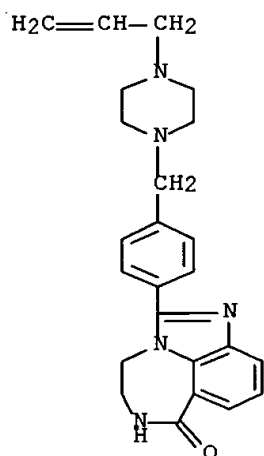


RN 328545-37-5 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[4-(2-propenyl)-1-piperazinyl]methyl]phenyl]-, trifluoroacetate (5:4) (9CI)  
 (CA

INDEX NAME)

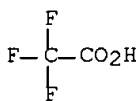
CM 1

CRN 328545-36-4  
 CMF C24 H27 N5 O



CM 2

CRN 76-05-1  
 CMF C2 H F3 O2

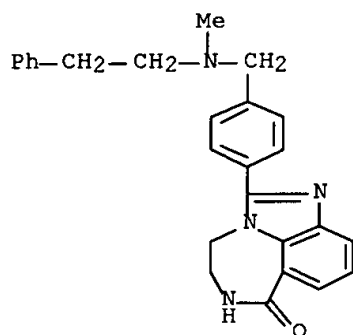


RN 328545-40-0 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[methyl(2-phenylethyl)amino]methyl]phenyl]-, trifluoroacetate (5:3) (9CI) (CA  
 INDEX NAME)

CM 1

CRN 328545-39-7  
 CMF C26 H26 N4 O

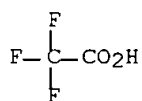




CM 2

CRN 76-05-1

CMF C2 H F3 O2



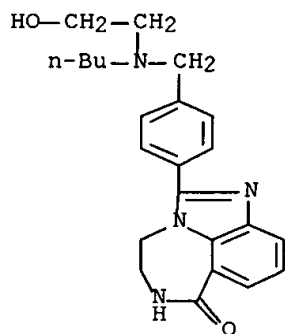
RN 328545-43-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[butyl (2-hydroxyethyl)amino)methyl]phenyl]-5,6-dihydro-, trifluoroacetate (5:3) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 328545-42-2

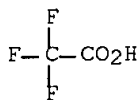
CMF C23 H28 N4 O2



CM 2

CRN 76-05-1

CMF C2 H F3 O2

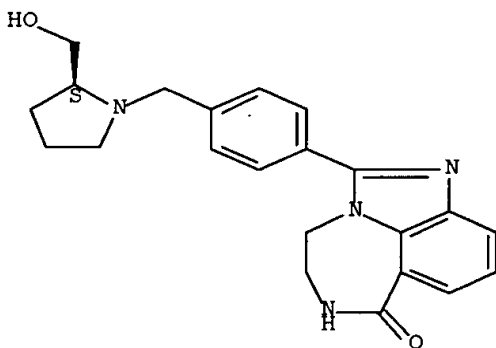


RN 328545-46-6 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[ (2S)-  
2-(hydroxymethyl)-1-pyrrolidinyl]methyl]phenyl]-, mono(trifluoroacetate)  
(salt) (9CI) (CA INDEX NAME)

CM 1

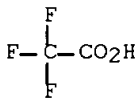
CRN 328545-45-5  
CMF C22 H24 N4 O2

Absolute stereochemistry.



CM 2

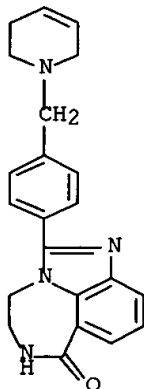
CRN 76-05-1  
CMF C2 H F3 O2



RN 328545-48-8 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(3,6-dihydro-1(2H)-  
pyridinyl)methyl]phenyl]-5,6-dihydro-, trifluoroacetate (20:17) (9CI)  
(CA INDEX NAME)

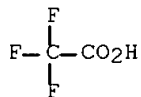
CM 1

CRN 328545-47-7  
CMF C22 H22 N4 O



CM 2

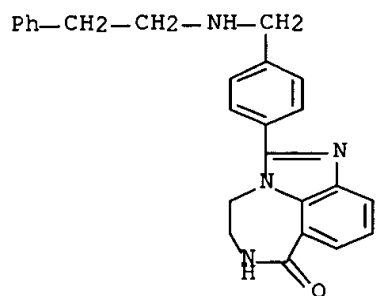
CRN 76-05-1  
CMF C2 H F3 O2



RN 328545-51-3 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[ (2-phenylethyl)amino]methyl]phenyl]-, bis(trifluoroacetate) (9CI) (CA  
INDEX  
NAME)

CM 1

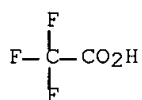
CRN 328545-50-2  
CMF C25 H24 N4 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328545-54-6 CAPLUS

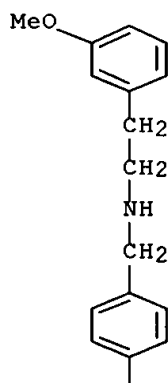
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[[2-(3-methoxyphenyl)ethyl]amino]methyl]phenyl]-, bis(trifluoroacetate) (9CI)  
(CA INDEX NAME)

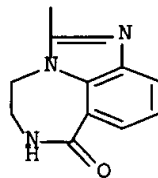
CM 1

CRN 328545-53-5

CMF C26 H26 N4 O2

PAGE 1-A

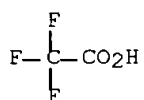




CM 2

CRN 76-05-1

CMF C2 H F3 O2



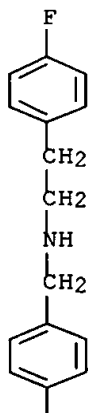
RN 328545-57-9 CAPLUS

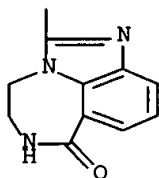
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[[2-(4-fluorophenyl)ethyl]amino]methyl]phenyl]-5,6-dihydro-, trifluoroacetate (5:8) (9CI) (CA INDEX NAME)

CM 1

CRN 328545-56-8

CMF C25 H23 F N4 O

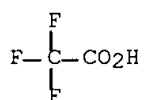




CM 2

CRN 76-05-1

CMF C2 H F3 O2



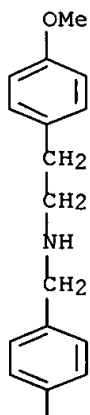
RN 328545-60-4 CAPLUS

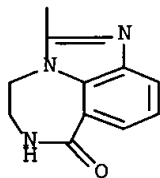
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[[2-(4-methoxyphenyl)ethyl]amino]methyl]phenyl]-, bis(trifluoroacetate) (9CI)  
(CA INDEX NAME)

CM 1

CRN 328545-59-1

CMF C26 H26 N4 O2

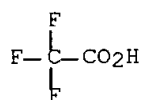




CM 2

CRN 76-05-1

CMF C2 H F3 O2



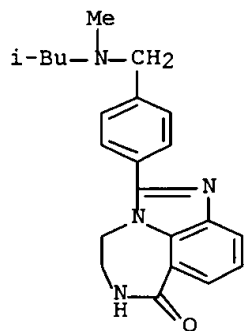
RN 328545-63-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-  
[[methyl(2-methylpropyl)amino]methyl]phenyl]-, mono(trifluoroacetate) (9CI) (CA  
INDEX NAME)

CM 1

CRN 328545-62-6

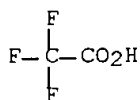
CMF C22 H26 N4 O



CM 2

CRN 76-05-1

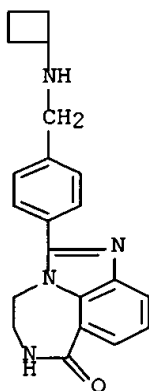
CMF C2 H F3 O2



RN 328545-66-0 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-  
 [(cyclobutylamino)methyl]phenyl]-5,6-dihydro-, mono(trifluoroacetate)  
 (9CI) (CA INDEX NAME)

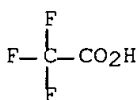
CM 1

CRN 328545-65-9  
 CMF C21 H22 N4 O



CM 2

CRN 76-05-1  
 CMF C2 H F3 O2



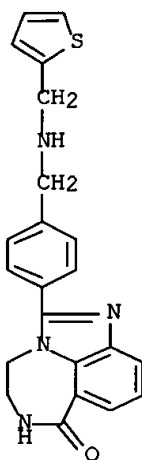
RN 328545-69-3 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[2-  
 thienylmethyl)amino]methyl]phenyl]-, bis(trifluoroacetate) (9CI) (CA  
 INDEX NAME)

CM 1

CRN 328545-68-2



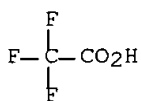
CMF C22 H20 N4 O S



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328545-72-8 CAPLUS

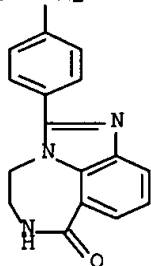
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-  
[(dipropylamino)methyl]phenyl]-5,6-dihydro-, bis(trifluoroacetate) (9CI)  
(CA INDEX NAME)

CM 1

CRN 328545-71-7

CMF C23 H28 N4 O

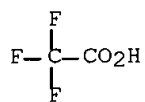
(n-Pr)<sub>2</sub>N-CH<sub>2</sub>



CM 2

CRN 76-05-1

CMF C2 H F3 O2



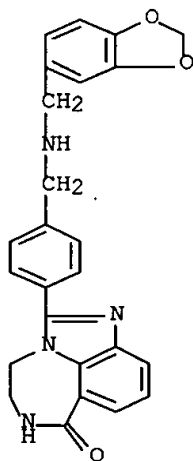
RN 328545-75-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[[(1,3-benzodioxol-5-ylmethyl)amino]methyl]phenyl]-5,6-dihydro-, trifluoroacetate (4:9) (9CI)  
(CA INDEX NAME)

CM 1

CRN 328545-74-0

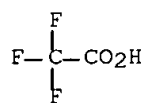
CMF C25 H22 N4 O3



CM 2

CRN 76-05-1

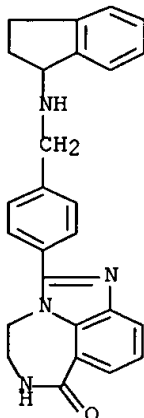
CMF C2 H F3 O2



RN 328545-78-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[2,3-dihydro-1H-inden-1-yl)amino]methyl]phenyl]-5,6-dihydro-, trifluoroacetate (10:19) (9CI) (CA INDEX NAME)

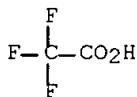
CM 1

CRN 328545-77-3  
 CMF C26 H24 N4 O



CM 2

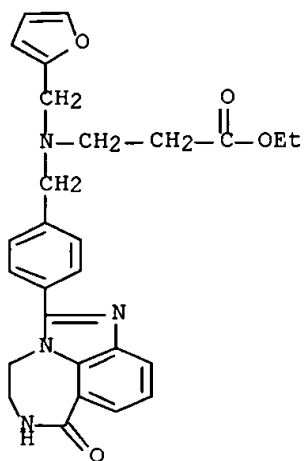
CRN 76-05-1  
 CMF C2 H F3 O2



RN 328545-81-9 CAPLUS  
 CN .beta.-Alanine, N-(2-furanylmethyl)-N-[[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]methyl]-, ethyl ester,  
 trifluoroacetate (4:7) (9CI) (CA INDEX NAME)

CM 1

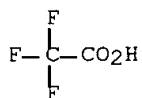
CRN 328545-80-8  
 CMF C27 H28 N4 O4



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328545-84-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[[2-(1-methyl-2-pyrrolidinyl)ethyl]amino]methyl]phenyl]-, trifluoroacetate  
(4:13)

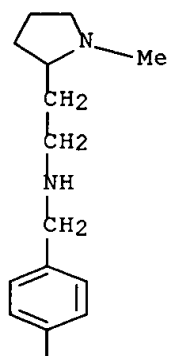
(9CI) (CA INDEX NAME)

CM 1

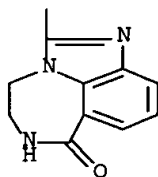
CRN 328545-83-1

CMF C24 H29 N5 O

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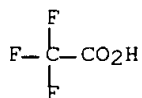
PAGE 2-A



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328545-86-4 CAPLUS

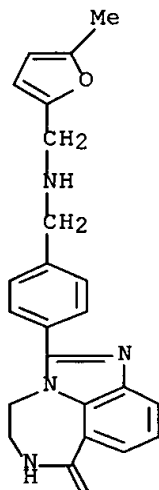
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[[(5-methyl-2-furanyl)methyl]amino]methyl]phenyl]-, trifluoroacetate (4:5) (9CI) (CA INDEX NAME)

CM 1

CRN 328545-85-3

CMF C23 H22 N4 O2

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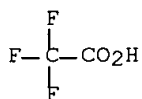
PAGE 2-A



CM 2

CRN 76-05-1

CMF C2 H F3 O2



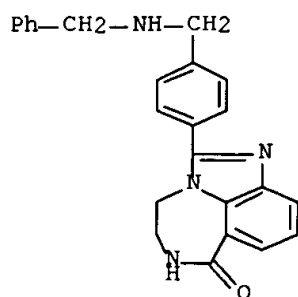
RN 328545-89-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-  
[[ (phenylmethyl)amino]methyl]phenyl]-, trifluoroacetate (2:3) (9CI) (CA  
INDEX NAME)

CM 1

CRN 328545-88-6

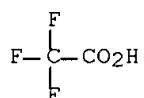
CMF C24 H22 N4 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328545-91-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[ (2,3-dihydro-1H-inden-2-yl)amino]methyl]phenyl]-5,6-dihydro-, bis(trifluoroacetate)

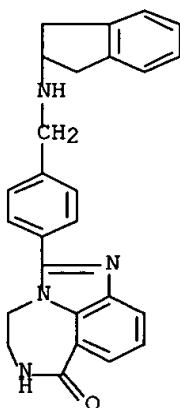
(9CI)

(CA INDEX NAME)

CM 1

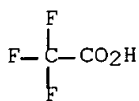
CRN 328545-90-0

CMF C26 H24 N4 O



CM 2

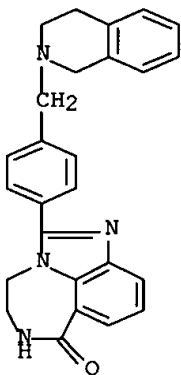
CRN 76-05-1  
CMF C2 H F3 O2



RN 328545-94-4 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(3,4-dihydro-2(1H)-isoquinolinyl)methyl]phenyl]-5,6-dihydro-, bis(trifluoroacetate) (9CI)  
(CA INDEX NAME)

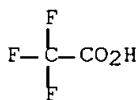
CM 1

CRN 328545-93-3  
CMF C26 H24 N4 O



CM 2

CRN 76-05-1  
CMF C2 H F3 O2

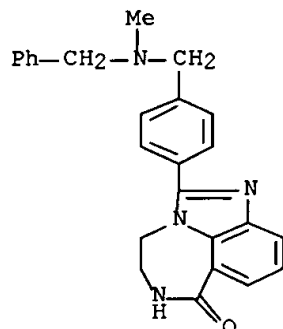


RN 328545-97-7 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[methyl(phenylmethyl)amino]methyl]phenyl]-, bis(trifluoroacetate) (9CI)  
(CA INDEX NAME)



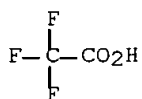
CM 1

CRN 328545-96-6  
CMF C25 H24 N4 O



CM 2

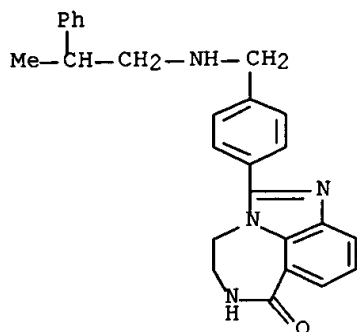
CRN 76-05-1  
CMF C2 H F3 O2



RN 328545-99-9 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[2-phenylpropyl)amino]methyl]phenyl]-, bis(trifluoroacetate) (9CI) (CA  
INDEX  
NAME)

CM 1

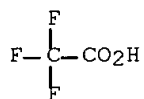
CRN 328545-98-8  
CMF C26 H26 N4 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328546-02-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[3-phenylpropyl)amino)methyl]phenyl]-, bis(trifluoroacetate) (9CI) (CA

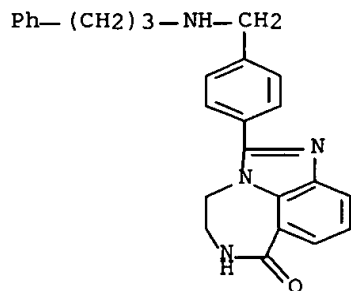
INDEX

NAME)

CM 1

CRN 328546-01-6

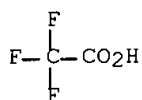
CMF C26 H26 N4 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328546-05-0 CAPLUS

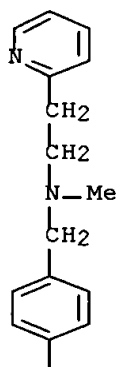
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-  
[[methyl[2-(2-pyridinyl)ethyl]amino]methyl]phenyl]-, tris(trifluoroacetate) (9CI)  
(CA INDEX NAME)

CM 1

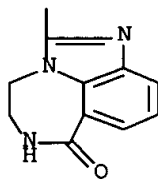
CRN 328546-04-9

CMF C25 H25 N5 O

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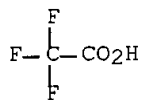
PAGE 2-A



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328546-07-2 CAPLUS

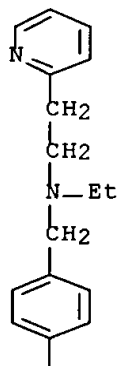
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[ethyl[2-(2-pyridinyl)ethyl]amino]methyl]phenyl]-5,6-dihydro-,  
tris(trifluoroacetate)  
(9CI) (CA INDEX NAME)

CM 1

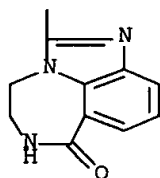
CRN 328546-06-1

CMF C26 H27 N5 O

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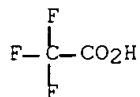


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CM 2

CRN 76-05-1  
CMF C2 H F3 O2

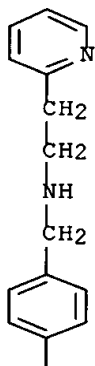


RN 328546-09-4 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[[2-(2-pyridinyl)ethyl]amino]methyl]phenyl]-, trifluoroacetate (4:9) (9CI) (CA INDEX NAME)

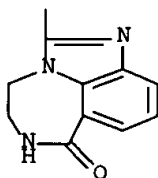
CM 1

CRN 328546-08-3  
CMF C24 H23 N5 O

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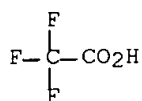


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CM 2

CRN 76-05-1  
CMF C2 H F3 O2

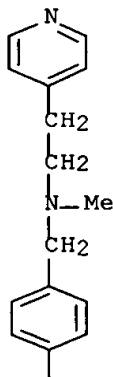


RN 328546-13-0 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-  
[[methyl[2-(4-pyridinyl)ethyl]amino]methyl]phenyl]-, trifluoroacetate (2:7) (9CI)  
(CA INDEX NAME)

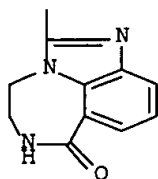
CM 1

CRN 328546-12-9  
CMF C25 H25 N5 O

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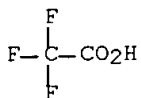


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CM 2

CRN 76-05-1  
CMF C2 H F3 O2



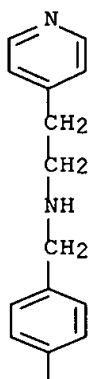
RN 328546-15-2 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[[2-(4-pyridinyl)ethyl]amino]methyl]phenyl]-, trifluoroacetate (4:13) (9CI)  
(CA

INDEX NAME)

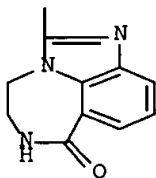
CM 1

CRN 328546-14-1  
CMF C24 H23 N5 O

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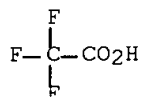
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328546-17-4 CAPLUS

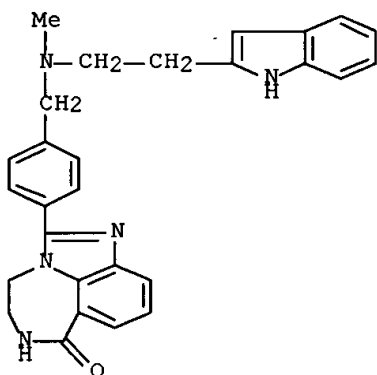
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[[[2-(1H-indol-2-yl)ethyl]methylamino]methyl]phenyl]-, trifluoroacetate (2:5) (9CI)

(CA INDEX NAME)

CM 1

CRN 328546-16-3

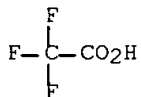
CMF C28 H27 N5 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2

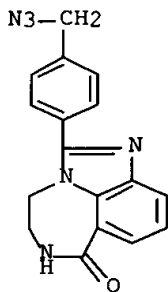


RN 328546-18-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(azidomethyl)phenyl]-



5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328546-20-9 CAPLUS

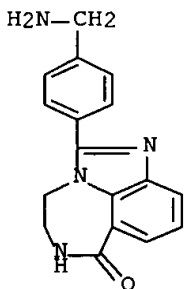
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(aminomethyl)phenyl]-

5,6-dihydro-, trifluoroacetate (4:7) (9CI) (CA INDEX NAME)

CM 1

CRN 328546-19-6

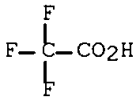
CMF C17 H16 N4 O



CM 2

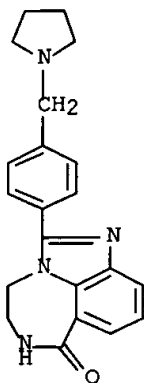
CRN 76-05-1

CMF C2 H F3 O2



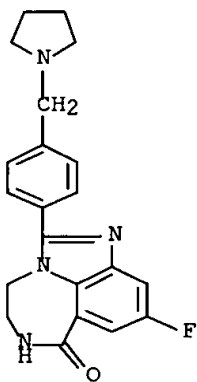
RN 328546-21-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-pyrrolidinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



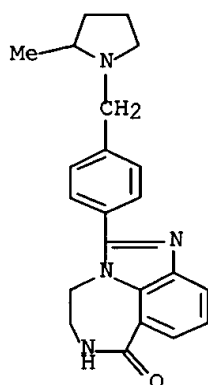
RN 328546-22-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-fluoro-5,6-dihydro-2-[4-(1-pyrrolidinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 328546-23-2 CAPLUS

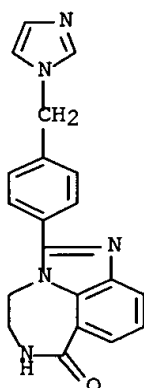
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[(2-methyl-1-pyrrolidinyl)methyl]phenyl]- (9CI) (CA INDEX NAME)



RN 328546-25-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1H-imidazol-1-ylmethyl)phenyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

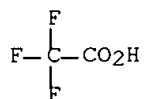
CM 1

CRN 328546-24-3  
 CMF C20 H17 N5 O



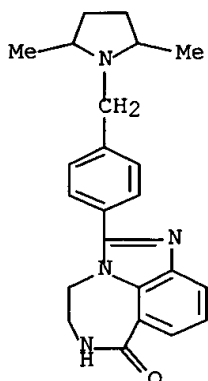
CM 2

CRN 76-05-1  
 CMF C2 H F3 O2



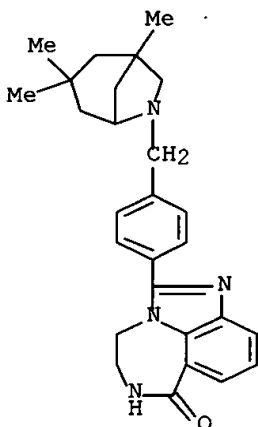
RN 328546-26-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dimethyl-1-pyrrolidinyl)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328546-27-6 CAPLUS

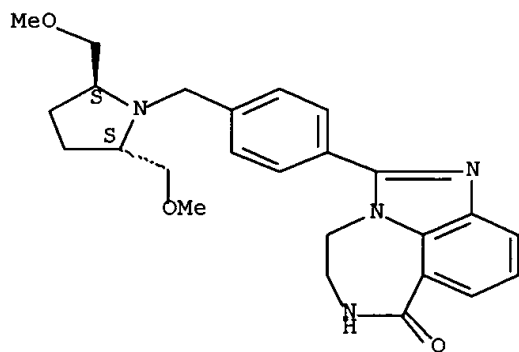
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[(1,3,3-trimethyl-6-azabicyclo[3.2.1]oct-6-yl)methyl]phenyl]- (9CI) (CA INDEX NAME)



RN 328546-28-7 CAPLUS

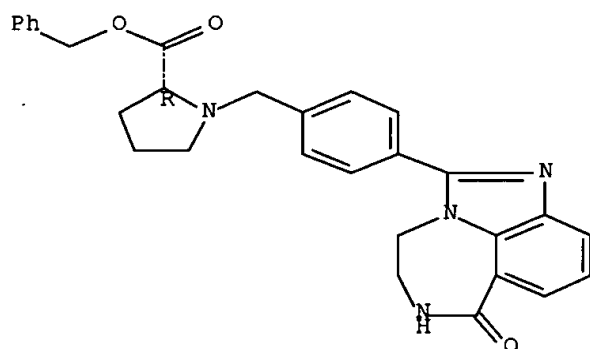
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[[[(2S,5S)-2,5-bis(methoxymethyl)-1-pyrrolidinyl)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 328546-29-8 CAPLUS  
 CN D-Proline, 1-[[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]methyl]-, phenylmethyl ester (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.

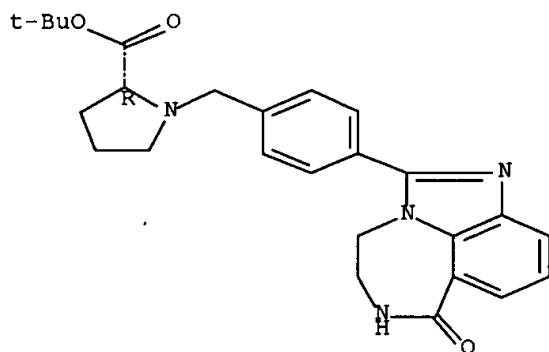


RN 328546-31-2 CAPLUS  
 CN D-Proline, 1-[[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]methyl]-, 1,1-dimethylethyl ester, trifluoroacetate (4:3) (9CI) (CA INDEX NAME)

CM 1

CRN 328546-30-1  
 CMF C26 H30 N4 O3

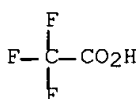
Absolute stereochemistry.



CM 2

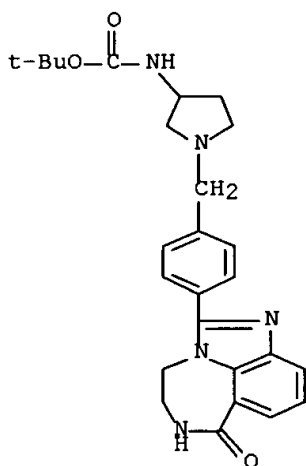
CRN 76-05-1

CMF C2 H F3 O2



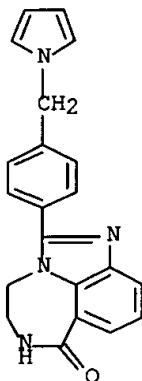
RN 328546-32-3 CAPLUS

CN Carbamic acid, [1-[[4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)phenyl]methyl]-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 328546-33-4 CAPLUS

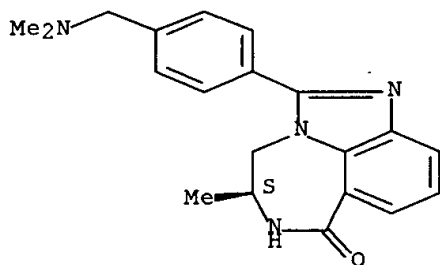
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1H-pyrrol-1-ylmethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 328546-34-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-  
[(dimethylamino)methyl]phenyl]-5,6-dihydro-5-methyl-, (5S)- (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



RN 328546-36-7 CAPLUS

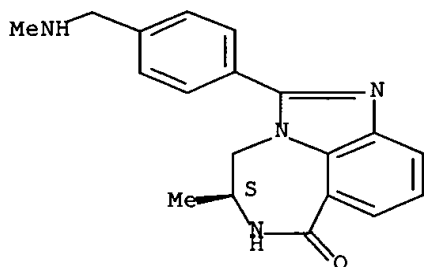
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-5-methyl-2-  
[4-  
[(methylamino)methyl]phenyl]-, (5S)-, bis(trifluoroacetate) (9CI) (CA  
INDEX NAME)

CM 1

CRN 328546-35-6

CMF C19 H20 N4 O

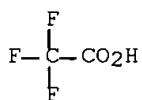
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 328546-38-9 CAPLUS

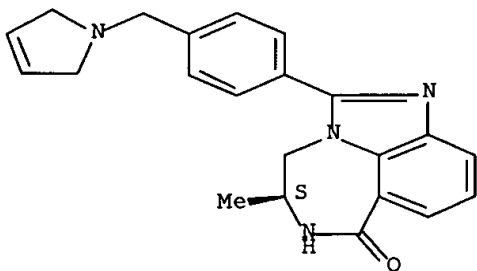
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dihydro-1H-pyrrol-1-yl)methyl]phenyl]-5,6-dihydro-5-methyl-, (5S)-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 328546-37-8

CMF C22 H22 N4 O

Absolute stereochemistry.

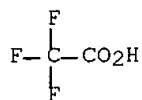


CM 2

CRN 76-05-1

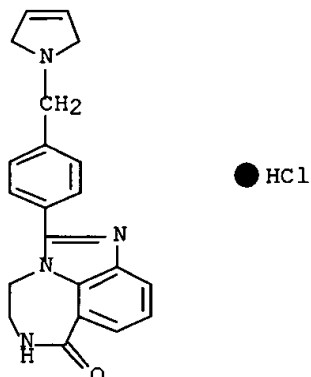
CMF C2 H F3 O2





RN 328546-39-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dihydro-1H-pyrrol-1-yl)methyl]phenyl]-5,6-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



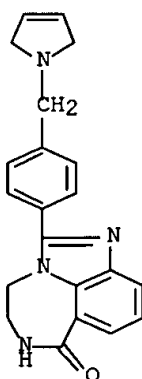
RN 328546-40-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dihydro-1H-pyrrol-1-yl)methyl]phenyl]-5,6-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 328545-24-0

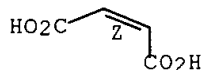
CMF C21 H20 N4 O



CM 2

CRN 110-16-7  
CMF C4 H4 O4

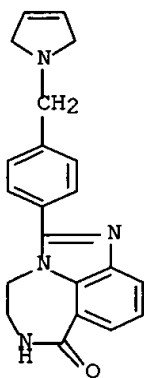
Double bond geometry as shown.



RN 328546-41-4 CAPLUS  
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dihydro-1H-pyrrol-1-yl)methyl]phenyl]-5,6-dihydro-, monomethanesulfonate (9CI) (CA INDEX NAME)

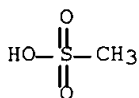
CM 1

CRN 328545-24-0  
CMF C21 H20 N4 O

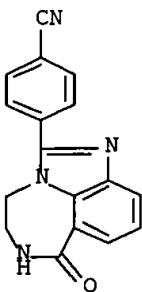


CM 2

CRN 75-75-2  
CMF C H4 O3 S

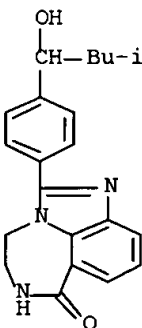


RN 328546-42-5 CAPLUS  
CN Benzonitrile, 4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



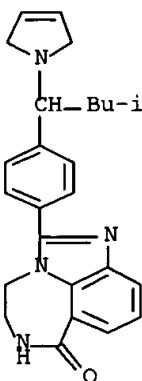
RN 328546-43-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-hydroxy-3-methylbutyl)phenyl]- (9CI) (CA INDEX NAME)



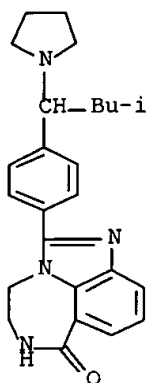
RN 328546-44-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[1-(2,5-dihydro-1H-pyrrol-1-yl)-3-methylbutyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



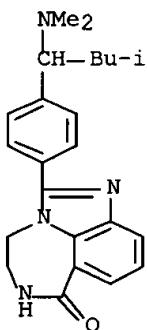
RN 328546-45-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[3-methyl-1-(1-pyrrolidinyl)butyl]phenyl]- (9CI) (CA INDEX NAME)



RN 328546-46-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[1-(dimethylamino)-3-methylbutyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



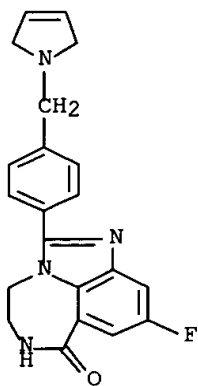
RN 328546-47-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dihydro-1H-pyrrol-1-yl)methyl]phenyl]-9-fluoro-5,6-dihydro-, monomethanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 328545-34-2

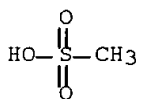
CMF C21 H19 F N4 O



CM 2

CRN 75-75-2

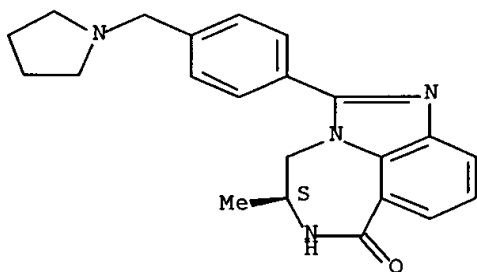
CMF C H4 O3 S



RN 328546-48-1 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-5-methyl-2-[4-(1-pyrrolidinylmethyl)phenyl]-, (5S)- (9CI) (CA INDEX NAME)

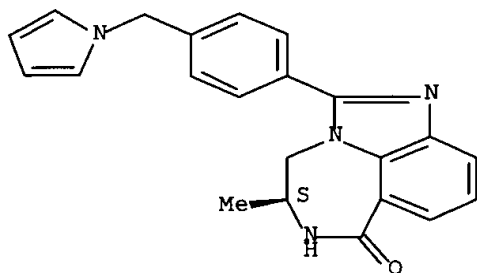
Absolute stereochemistry.



RN 328546-49-2 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-5-methyl-2-[4-(1H-pyrrol-1-ylmethyl)phenyl]-, (5S)- (9CI) (CA INDEX NAME)

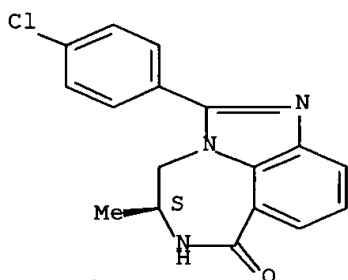
Absolute stereochemistry.



RN 328546-50-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-chlorophenyl)-5,6-dihydro-5-methyl-, (5S)- (9CI) (CA INDEX NAME)

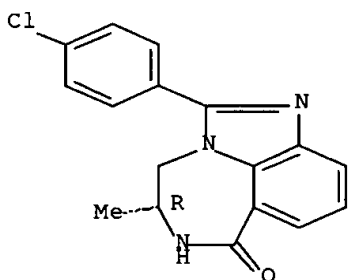
Absolute stereochemistry.



RN 328546-51-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-chlorophenyl)-5,6-dihydro-5-methyl-, (5R)- (9CI) (CA INDEX NAME)

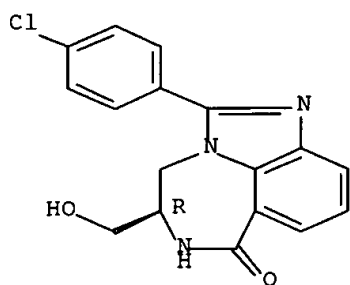
Absolute stereochemistry.



RN 328546-52-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-chlorophenyl)-5,6-dihydro-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

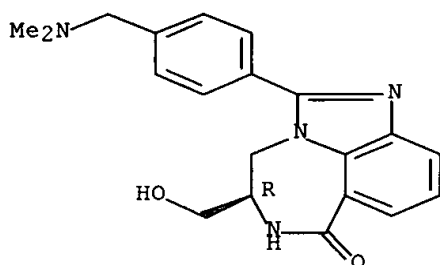
Absolute stereochemistry.



RN 328546-53-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-  
[(dimethylamino)methyl]phenyl]-5,6-dihydro-5-(hydroxymethyl)-, (5R)-  
(9CI)  
(CA INDEX NAME)

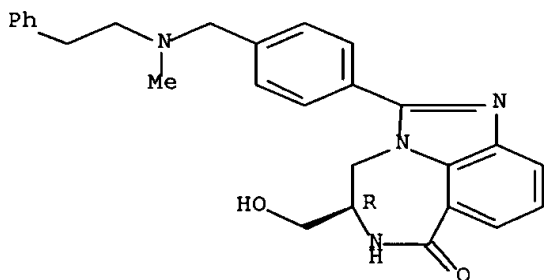
Absolute stereochemistry.



RN 328546-54-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-5-  
(hydroxymethyl)-2-[4-[[methyl(2-phenylethyl)amino]methyl]phenyl]-, (5R)-  
(9CI) (CA INDEX NAME)

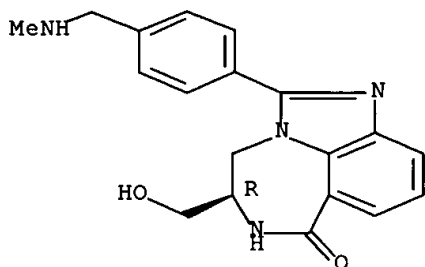
Absolute stereochemistry.



RN 328546-55-0 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-5-  
(hydroxymethyl)-2-[4-[(methylamino)methyl]phenyl]-, (5R)- (9CI) (CA  
INDEX  
NAME)

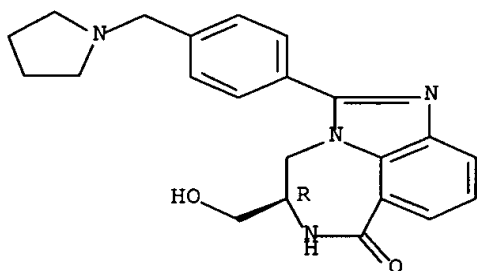
Absolute stereochemistry.



RN 328546-56-1 CAPLUS

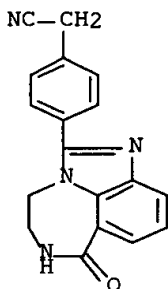
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-5-(hydroxymethyl)-2-[4-(1-pyrrolidinylmethyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 328546-57-2 CAPLUS

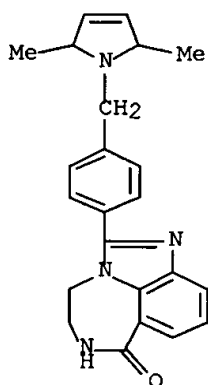
CN Benzeneacetonitrile, 4-(4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



RN 328546-58-3 CAPLUS

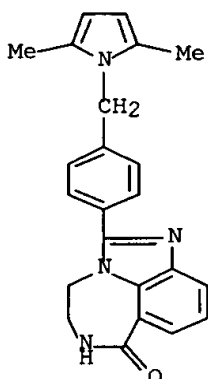
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dihydro-2,5-dimethyl-1H-pyrrol-1-yl)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)





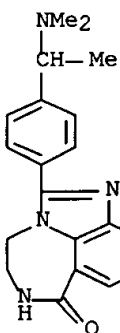
RN 328546-59-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[(2,5-dimethyl-1H-pyrrol-1-yl)methyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



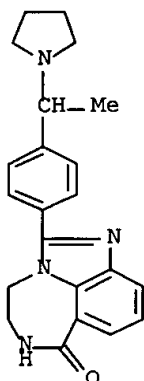
RN 328546-60-7 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-[1-(dimethylamino)ethyl]phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



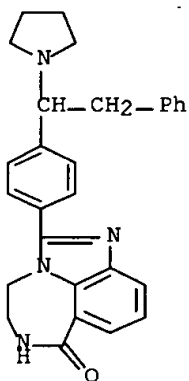
RN 328546-61-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[1-(1-pyrrolidinyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



RN 328546-62-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[2-phenyl-1-(1-pyrrolidinyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



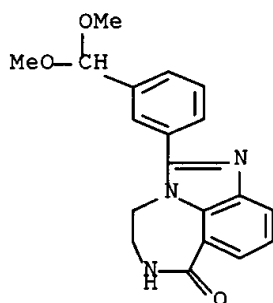
IT **328546-76-5P 328546-77-6P 328547-34-8P**

RL: BYP (Byproduct); PREP (Preparation)

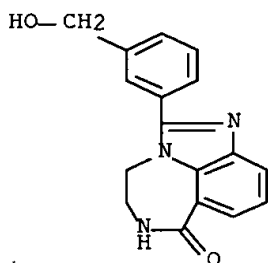
(prepn. of tricyclic inhibitors of poly(ADP-ribose) polymerases)

RN 328546-76-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[3-(dimethoxymethyl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)

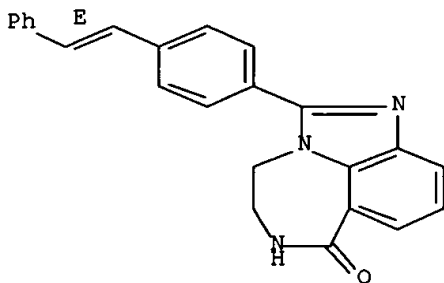


RN 328546-77-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[3-(hydroxymethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 328547-34-8 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[(1E)-2-phenylethenyl]phenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



IT 328546-95-8P 328546-96-9P 328547-10-0P  
 328547-13-3P 328547-15-5P 328547-16-6P  
 328547-17-7P 328547-21-3P 328547-23-5P  
 328547-24-6P 328547-25-7P 328547-26-8P  
 328547-28-0P 328547-30-4P 328547-32-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);

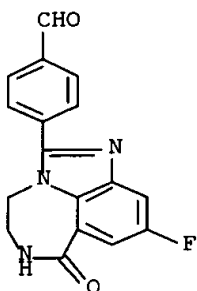
RACT

(Reactant or reagent)

(prepn. of tricyclic inhibitors of poly(ADP-ribose) polymerases)

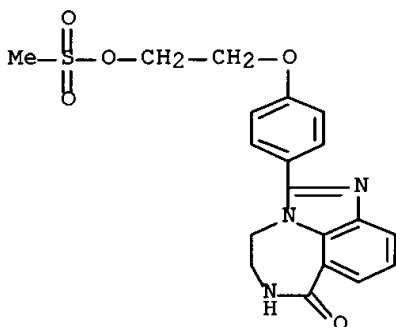
RN 328546-95-8 CAPLUS

CN Benzaldehyde, 4-(9-fluoro-4,5,6,7-tetrahydro-7-oxoimidazo[4,5,1-jk][1,4]benzodiazepin-2-yl)- (9CI) (CA INDEX NAME)



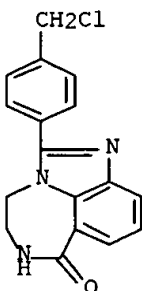
RN 328546-96-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-[2-[(methanysulfonyl)oxy]ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 328547-10-0 CAPLUS

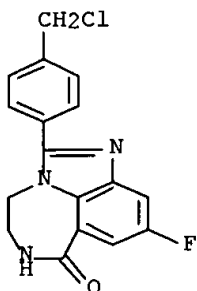
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(chloromethyl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328547-13-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-

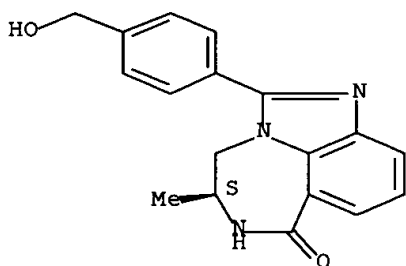
(chloromethyl)phenyl]-  
9-fluoro-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328547-15-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(hydroxymethyl)phenyl]-5-methyl-, (5S)- (9CI) (CA INDEX NAME)

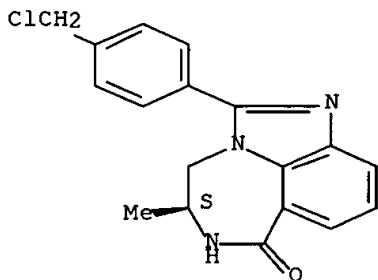
Absolute stereochemistry.



RN 328547-16-6 CAPLUS

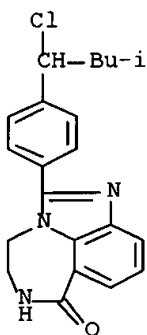
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(chloromethyl)phenyl]-5,6-dihydro-5-methyl-, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 328547-17-7 CAPLUS

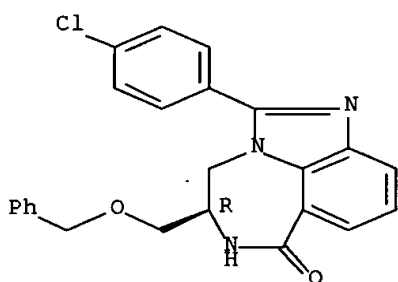
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(2-chloro-3-methylbutyl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328547-21-3 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-(4-chlorophenyl)-5,6-dihydro-5-[(phenylmethoxy)methyl]-, (5R)- (9CI) (CA INDEX NAME)

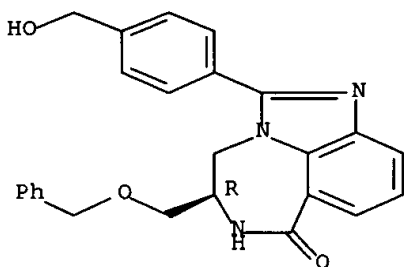
Absolute stereochemistry.



RN 328547-23-5 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(hydroxymethyl)phenyl]-5-[(phenylmethoxy)methyl]-, (5R)- (9CI) (CA INDEX NAME)

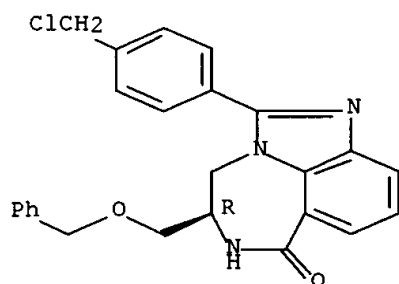
Absolute stereochemistry.



RN 328547-24-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(chloromethyl)phenyl]-5,6-dihydro-5-[(phenylmethoxy)methyl]-, (5R)- (9CI) (CA INDEX NAME)

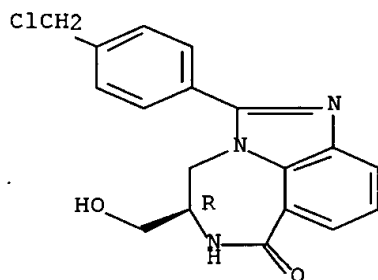
Absolute stereochemistry.



RN 328547-25-7 CAPLUS

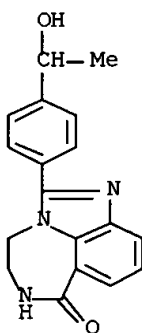
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(chloromethyl)phenyl]-  
5,6-dihydro-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



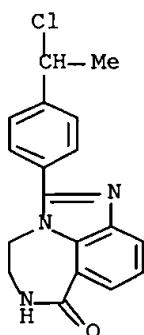
RN 328547-26-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-hydroxyethyl)phenyl]- (9CI) (CA INDEX NAME)

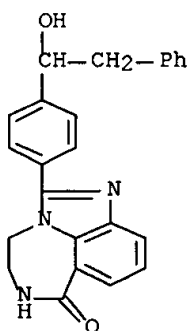


RN 328547-28-0 CAPLUS

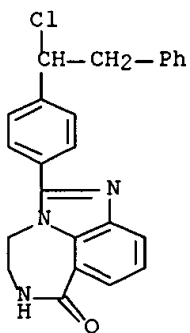
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(1-chloroethyl)phenyl]-  
5,6-dihydro- (9CI) (CA INDEX NAME)



RN 328547-30-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(1-hydroxy-2-phenylethyl)phenyl]- (9CI) (CA INDEX NAME)

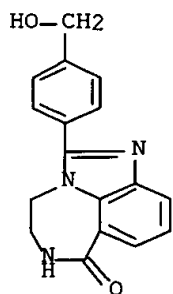


RN 328547-32-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 2-[4-(1-chloro-2-phenylethyl)phenyl]-5,6-dihydro- (9CI) (CA INDEX NAME)



IT **328546-89-0P 328547-22-4P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of tricyclic inhibitors of poly(ADP-ribose) polymerases)  
 RN 328546-89-0 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-[4-(hydroxymethyl)phenyl]- (9CI) (CA INDEX NAME)

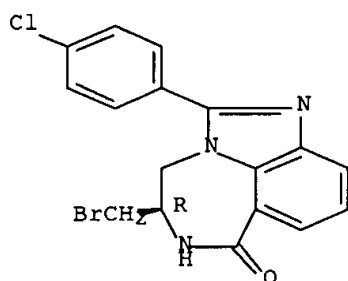




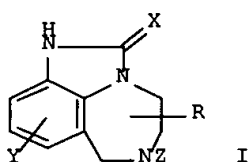
RN 328547-22-4 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5-(bromomethyl)-2-(4-chlorophenyl)-5,6-dihydro-, (5R)- (9CI) (CA INDEX NAME)

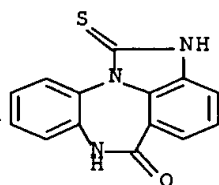
Absolute stereochemistry.



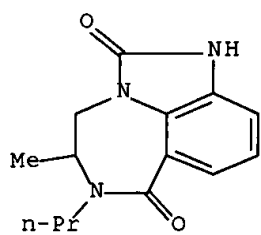
L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 1995:380741 CAPLUS  
 DN 122:290829  
 TI Synthesis and Anti-HIV-1 Activity of 4,5,6,7-Tetrahydro-5-methylimidazo[4,5,1-jk][1,4]benzodiazepin-2(1H)-one (TIBO) Derivatives.  
 3  
 AU Breslin, Henry J.; Kukla, Michael J.; Ludovici, Donald W.; Mohrbacher, Richard; Ho, Winston; Miranda, Milton; Rodgers, James D.; Hitchens, T. Kevin; Leo, Gregory; et al.  
 CS Janssen Research Foundation, Spring House, PA, 19477, USA  
 SO Journal of Medicinal Chemistry (1995), 38(5), 771-93  
 CODEN: JMCMAR; ISSN: 0022-2623  
 PB American Chemical Society  
 DT Journal  
 LA English  
 GI



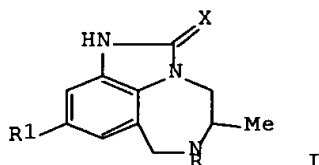
AB 4,5,6,7-Tetrahydro-5-methylimidazo[4,5,1-jk][1,4]benzodiazepin-2(1H)-ones (TIBO) (I, R = H, 5-Et, 7-Ph, etc.; X = S, O; Y = 8-Cl, 9-Cl; Z = H, 3,3-dimethylallyl, Pr, etc.) have been shown to significantly inhibit HIV-1 replication in vitro by interfering with the virus's reverse transcriptase enzyme. We describe our synthetic endeavors around 4, 5, and 7 mono- and disubstitutions of I and discuss HIV-1 inhibitory structure-activity relationships. On the basis of inhibition of HIV-1 replication in MT-4 cells, we found that 5-mono-Me-substituted analogs and 7-mono-Me-substituted analogs of I were comparable as being consistently the most active compds. Although generally less active, the 4,5,7-unsubstituted, 4-mono-substituted, cis- and trans-5,7-di-Me-substituted, and cis-4,5-di-Me-substituted analogs of I also exhibited significant activity. The remaining trans-4,5-di-Me-substituted, cis- and trans-4,7-di-Me-substituted, and all 4,5-, 5,6-, 6,7-, and 7,8-fused disubstituted analogs of I possessed no noticeable desired activity.  
 IT **162930-41-8P 162930-45-2P**  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (synthesis and anti-HIV-1 activity of imidazobenzodiazepinones)  
 RN 162930-41-8 CAPLUS  
 CN Benz[b]imidazo[4,5,1-jk][1,4]benzodiazepin-6(7H)-one, 1,2-dihydro-1-thioxo-(9CI) (CA INDEX NAME)



RN 162930-45-2 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepine-2,7(1H,4H)-dione, 5,6-dihydro-5-methyl-6-propyl- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 1991:632195 CAPLUS  
 DN 115:232195  
 TI Synthesis and anti-HIV-1 activity of 4,5,6,7-tetrahydro-5-methylimidazo[4,5,1-jk][1,4]benzodiazepin-2(1H)-one (TIBO) derivatives.  
 2  
 AU Kukla, Michael J.; Breslin, Henry J.; Diamond, Craig J.; Grous, Philip P.; Ho, Chih Y.; Miranda, Milton; Rodgers, James D.; Sherrill, Ronald G.; De Clercq, Erik; et al.  
 CS Janssen Res. Found., Spring House, PA, 19477, USA  
 SO Journal of Medicinal Chemistry (1991), 34(11), 3187-97  
 CODEN: JMCMAR; ISSN: 0022-2623  
 DT Journal  
 LA English  
 GI



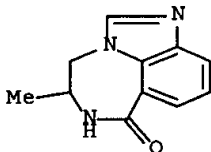
AB Potential anti-HIV-1 imidazo[4,5,1-jk][1,4]benzodiazepin-2(1H)-one I (R = R1 = H, X = O) analogs with variations of the five-membered urea ring were prepd. Although many different rings were synthesized to replace the cyclic urea of I, most were found to be inactive in inhibiting the replication of the HIV-1 virus in MT-4 cells. The exceptions were replacement of the urea oxygen with sulfur or selenium to give the corresponding thio- or selenoureas. These were found to be more active than the oxygen counterparts. A small series of analogs were synthesized and tested which allowed direct comparison of urea and thiourea derivs. Without exception, the latter were always more active than the former. The most active compd. (S)(+)-I (R = CH2C:CEt2, R1 = Cl, X = S) was found to inhibit the HIV-1 virus with an IC50 of 0.012 .mu.M which is comparable to that of AZT.

IT **136722-95-7P**

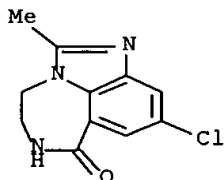
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);  
 RACT (Reactant or reagent)(prepn. and redn. of)

RN 136722-95-7 CAPLUS

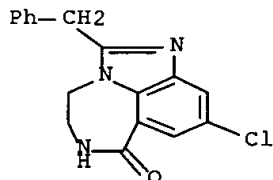
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-5-methyl-  
 (9CI) (CA INDEX NAME)



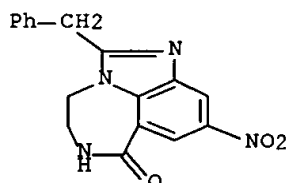
L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 1978:507034 CAPLUS  
 DN 89:107034  
 TI Fragmentation in mass spectrometry of imidazobenzodiazepines  
 AU Geneste, Patrick; Kamenka, Jean Marc; Vidal, Yves  
 CS Lab. Chim. Org. Phys. Appl., Ec. Natl. Super. Chim., Montpellier, Fr.  
 SO Organic Mass Spectrometry (1978), 13(3), 141-53  
 CODEN: ORMSBG; ISSN: 0030-493X  
 DT Journal  
 LA French  
 AB Mass spectra are reported for 7 imidazo[1,5,4-ef]-1,5- and 11  
 imidazo[4,5,1-jk]-1,4-benzodiazepines. Differences in fragmentation  
 patterns enabled isomeric structures to be identified.  
 IT **66596-57-4 66596-59-6 66596-60-9**  
**66596-64-3 66596-69-8**  
 RL: PRP (Properties) (mass spectrum of)  
 RN 66596-57-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-chloro-5,6-dihydro-2-  
 methyl- (9CI) (CA INDEX NAME)



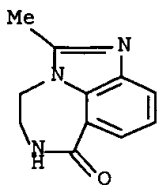
RN 66596-59-6 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-chloro-5,6-dihydro-2-  
 (phenylmethyl)- (9CI) (CA INDEX NAME)



RN 66596-60-9 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-9-nitro-2-  
 (phenylmethyl)- (9CI) (CA INDEX NAME)

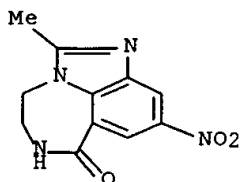


RN 66596-64-3 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-methyl-  
 (9CI) (CA INDEX NAME)

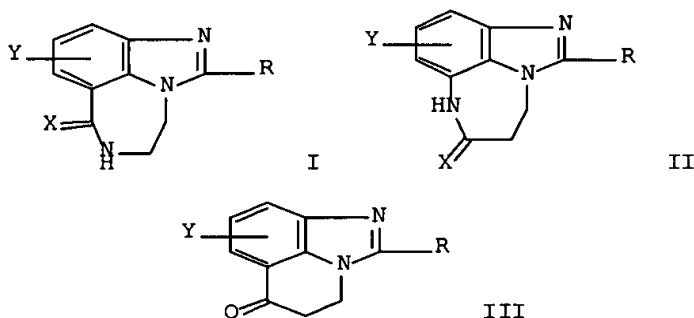


RN 66596-69-8 CAPLUS

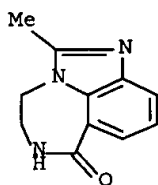
CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-methyl-9-nitro- (9CI) (CA INDEX NAME)



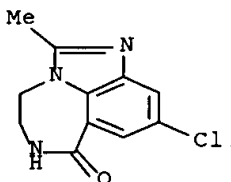
L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 1978:182987 CAPLUS  
 DN 88:182987  
 TI Studies on the imidazo[4,5,1-jk][1,4]benzodiazepine and  
 imidazo[1,5,4-ef][1,5]benzodiazepine series  
 AU Geneste, P.; Kamenka, J. M.; Vidal, Y.; Fauquet, J. P.; Morel, E.;  
 Muller, P.; Warolin, C.  
 CS Lab. Chim. Org. Phys. Appl., Ec. Natl. Super. Chim., Montpellier, Fr.  
 SO European Journal of Medicinal Chemistry (1978), 13(1), 53-9  
 CODEN: EJMCA5; ISSN: 0223-5234  
 DT Journal  
 LA French  
 GI



AB Of the 7 title compds. (I and II, R = Me or PhCH<sub>2</sub>; X = O; Y = H, Cl, or  
 NO<sub>2</sub>) prepd., none showed tranquilizing activity in pentetrazole-induced  
 convulsions or mouse motor activity. The prepn. of I and II from  
 imidazoquinolinones (III) is also described.  
 IT **66596-64-3P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);  
 RACT (Reactant or reagent)  
 (prepn. and reaction with triethyloxonium fluoroborate)  
 RN 66596-64-3 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-methyl-  
 (9CI) (CA INDEX NAME)

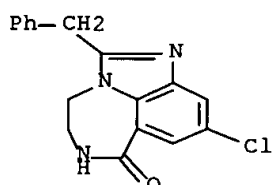


IT **66596-57-4P 66596-59-6P 66596-60-9P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. and tranquilizing activity of)  
 RN 66596-57-4 CAPLUS  
 CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-chloro-5,6-dihydro-2-  
 methyl- (9CI) (CA INDEX NAME)



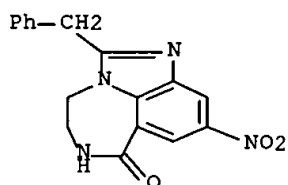
RN 66596-59-6 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 9-chloro-5,6-dihydro-2-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 66596-60-9 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-9-nitro-2-(phenylmethyl)- (9CI) (CA INDEX NAME)

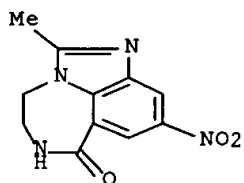


IT **66596-69-8P**

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

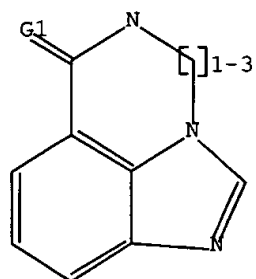
RN 66596-69-8 CAPLUS

CN Imidazo[4,5,1-jk][1,4]benzodiazepin-7(4H)-one, 5,6-dihydro-2-methyl-9-nitro- (9CI) (CA INDEX NAME)





=> d l1; d his; log y  
L1 HAS NO ANSWERS  
L1 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

(FILE 'HOME' ENTERED AT 18:24:31 ON 28 MAY 2003)

FILE 'REGISTRY' ENTERED AT 18:24:38 ON 28 MAY 2003

L1 STRUCTURE UPLOADED

L2 24 S L1

L3 461 S L1 FUL

FILE 'CAPLUS' ENTERED AT 18:25:38 ON 28 MAY 2003

L4 10 S L3

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	46.61	195.37
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-6.51	-6.51

STN INTERNATIONAL LOGOFF AT 18:27:10 ON 28 MAY 2003